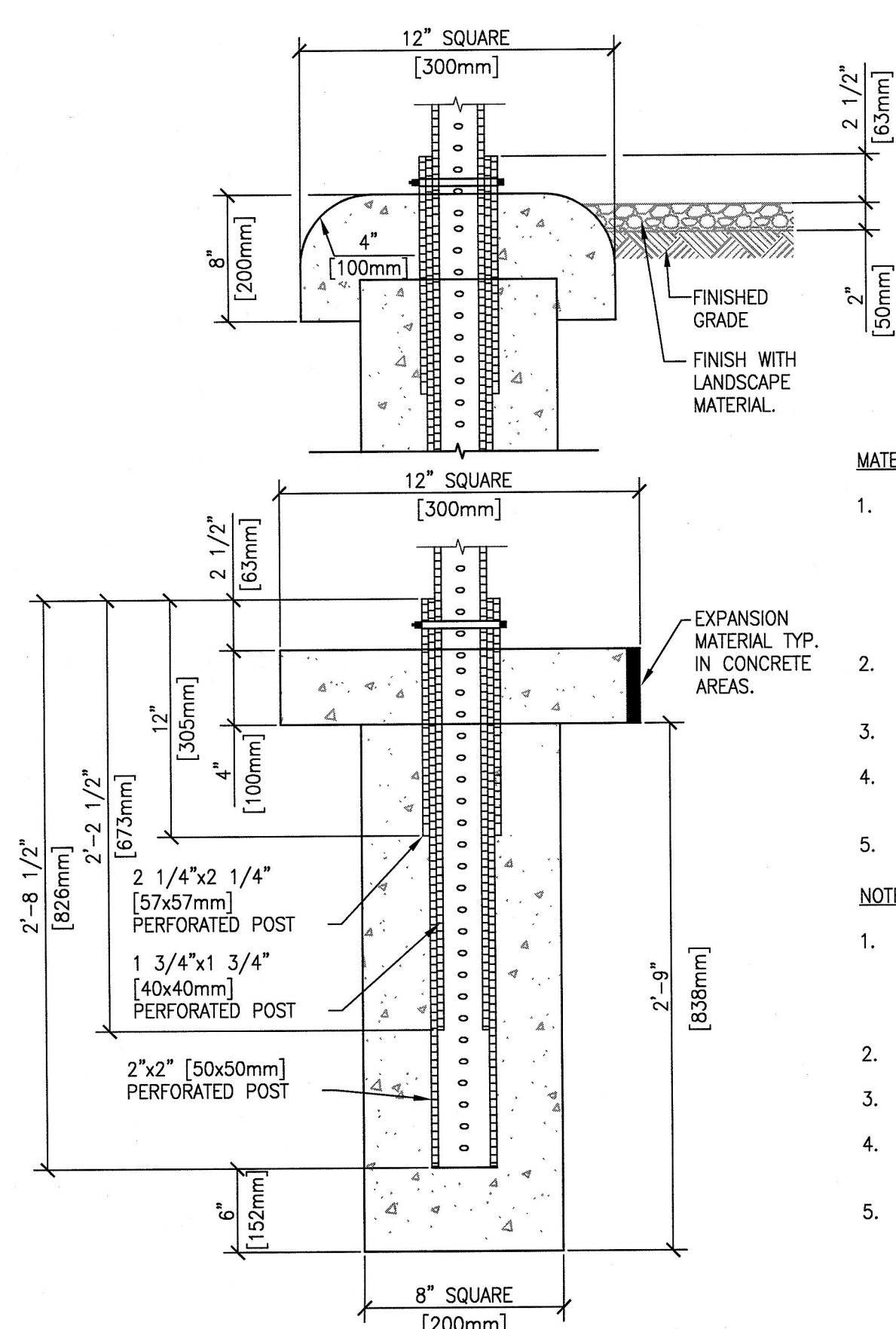


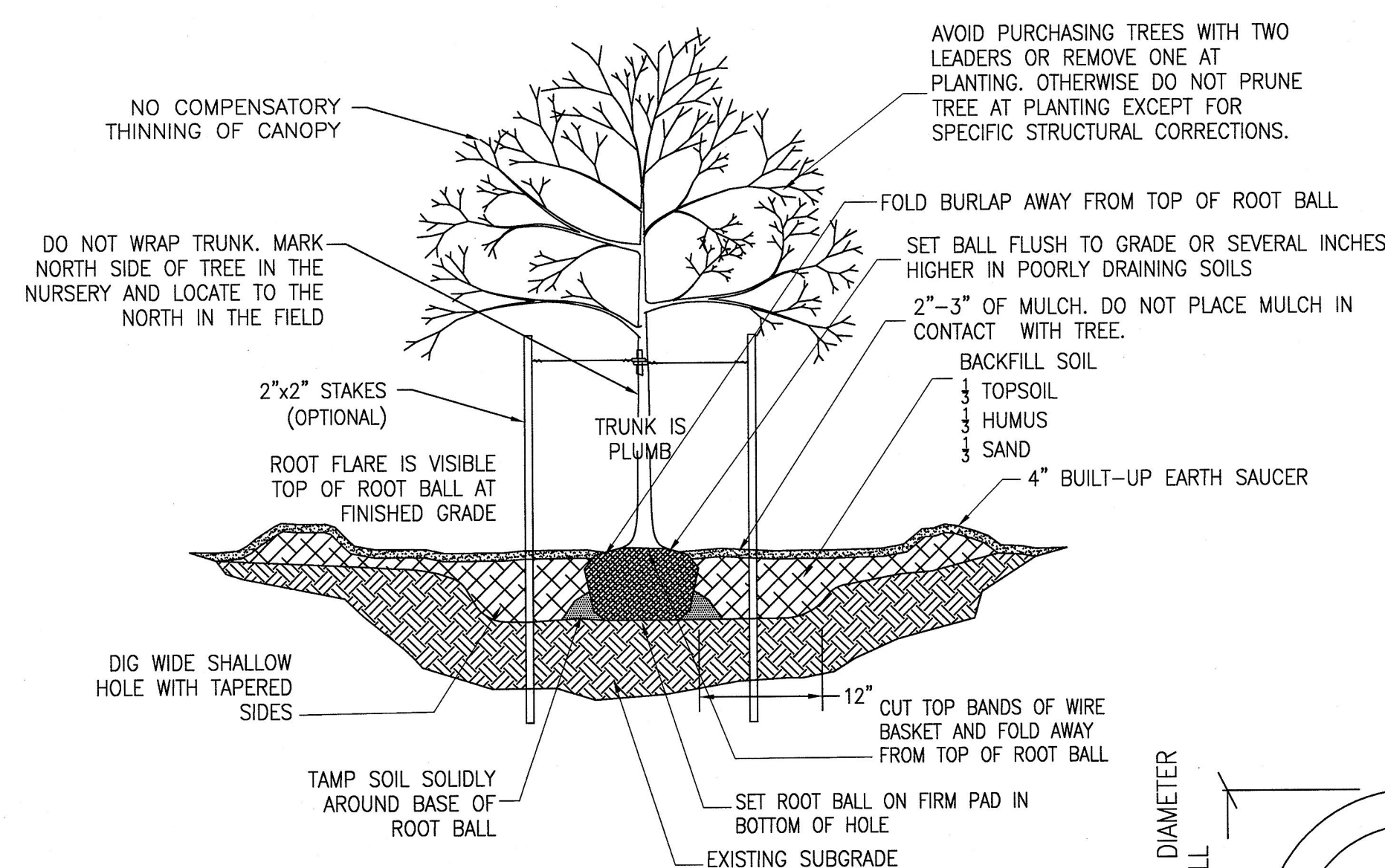
10 SIGNAGE
N.T.S.



11 SIGN POST DETAIL SQUARE TUBE FOUNDATION

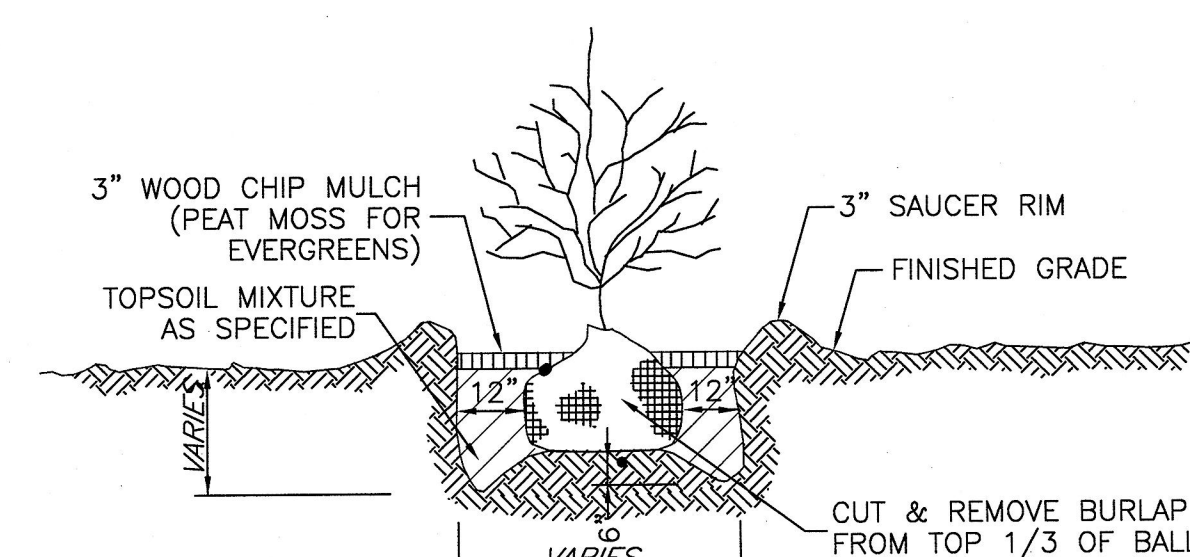
- MATERIALS:**
1. PERFORATED POSTS SHALL BE SQUARE TUBES FORMED FROM 0.105 U.S. GAUGE ASTM A-366 COLD ROLLED CARBON STEEL. THE SQUARE TUBES SHALL BE WELDED CORRECTLY IN THE CORNER BY HIGH FREQUENCY RESISTANCE WELDING OR EQUIV. THE POSTS SHALL BE EXTERNALLY SCAFFED TO AGREE WITH STANDARD CORNER RADIUS OF 5/32" [4mm] TO 1/64" [.3mm].
 2. PERFORATED POSTS SHALL BE GALVANIZED TO CONFORM TO ASTM A-525. COATING DESIGNATION G-90.
 3. ALL HARDWARE SHALL CONFORM TO ASTM A-307 CLASS A.
 4. ALL HARDWARE SHALL BE GALVANIZED TO CONFORM TO ASTM A-153 OR CADMIUM PLATED TO CONFORM TO ASTM A-165.
 5. ALL CONCRETE SHALL BE 2500 PSI.

- NOTES:**
1. FOUNDATION WILL BE CONSTRUCTED WITH 1 3/4"x1 3/4" STARTER SIGN POST. STARTER SIGN POST SHALL BE REMOVED AFTER CONCRETE HAS SET AND EXPOSED SQUARE TUBING WRAPPED AND SEALED WITH DUCT TAPE.
 2. FOUNDATION SHALL BE LOCATED 1 FOOT FROM EDGE OF PAVEMENT.
 3. FOUNDATION LOCATION SHALL BE APPROVED BY ENGINEERING.
 4. POST FOUNDATIONS SHALL BE PERPENDICULAR TO THE PAVED SURFACE.
 5. BOLT WITH NUT AND LOCK WASHER TO BE 7/16"x3" GALVANIZED.



- NOTES:**
1. FOR CONTAINER GROWN TREES USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL, THEN CUT OR REMOVE ANY EXCESS CIRCUMFERENCE PERIMETER OF THE CORNER.
 2. INCORPORATE COMMERCIALLY PREPARED MYCORRHIZAE SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATE SPECIFIED BY THE MANUFACTURER.
 3. PRIOR TO INSTALLATION, CONFIRM THAT THE SOILS WILL DRAIN PROPERLY. IF NECESSARY, PROVIDE PROPER DRAINAGE.
 4. THOROUGHLY SOAK THE ROOT BALL AND THE ADJACENT PREPARED SOIL PERIODICAL TIMES DURING THE FIRST MONTH AFTER PLANTING AND REGULARLY THROUGHOUT THE FOLLOWING TWO SUMMERS TO PROVIDE AT LEAST ONE INCH OF WATER COVERAGE PER WEEK.
 5. DO NOT APPLY FERTILIZER OR FERTILIZER PREPAR FOR DECIDUOUS AND EVERGREEN TREES.

SECTION
14 TREE PLANTING DETAIL



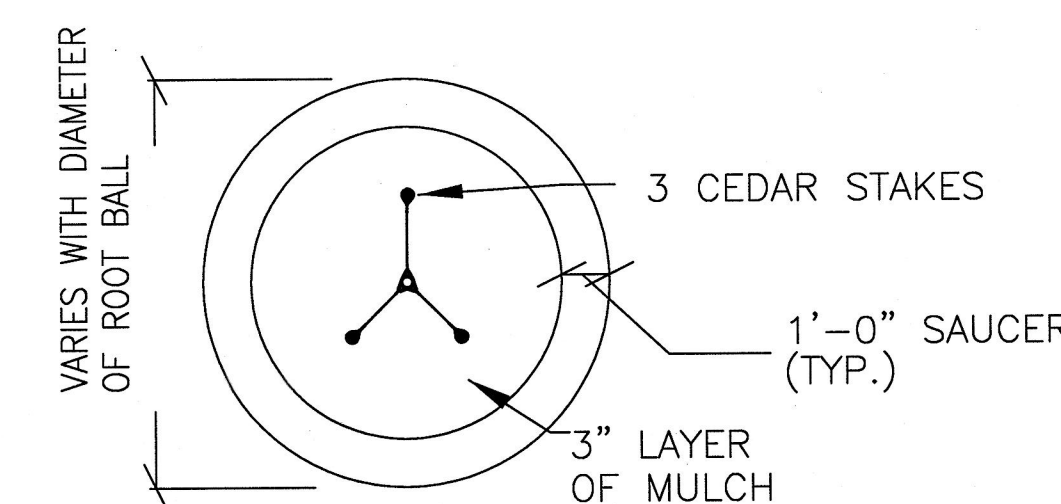
SECTION

SHRUB PLANTING DETAIL

NT

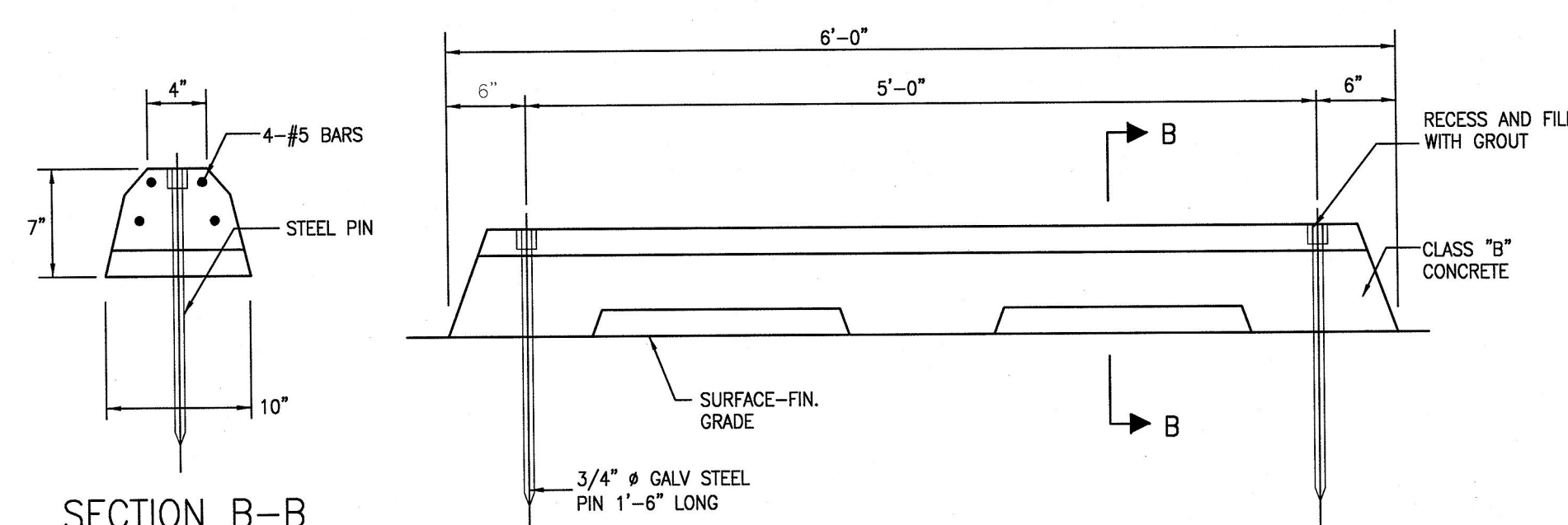
TOPSOIL BACKFILL MIX:
 $\frac{1}{3}$ TOPSOIL OR GOOD NATIVE SOIL
 $\frac{1}{3}$ HUMUS
 $\frac{1}{3}$ SAND

THOROUGHLY MIXED WATER IN
12" LIFTS DURING PLANTING.

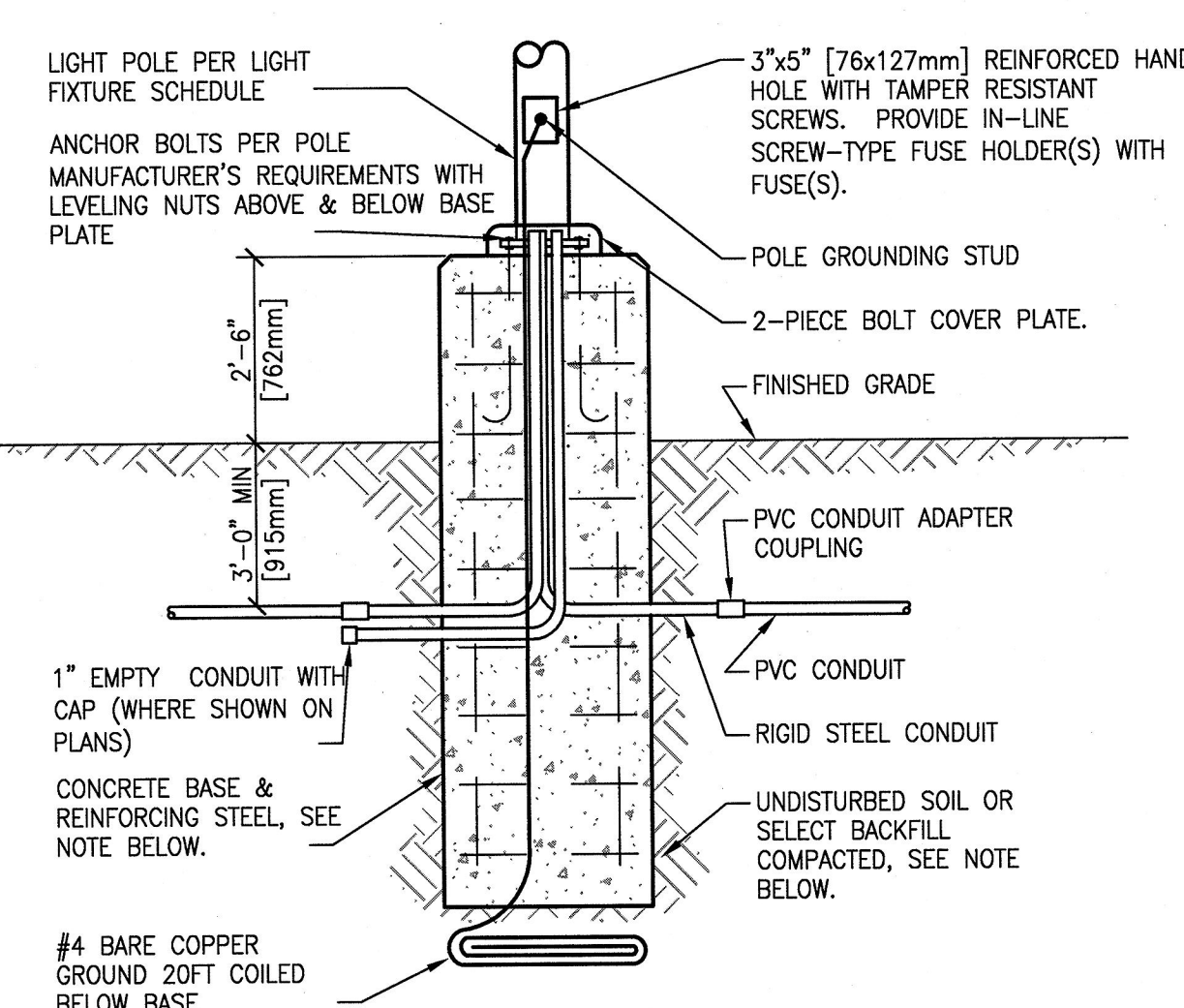


PLAN

- SPECIFICATIONS:
1. DO NOT DAMAGE MAIN ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE STAKE.
 2. WATER THOROUGHLY AFTER INSTALLATION.
 3. REMOVE TREE RINGS AND STAKES TWO YEARS AFTER INSTALLATIONS.
 4. PROVIDE DRAINAGE FOR PLANTING PIT IN IMPERMEABLE SOIL.
 5. BACKFILL MIX TO BE 1/3 TOPSOIL; 1/3 HUMUS; 1/3 SAND.



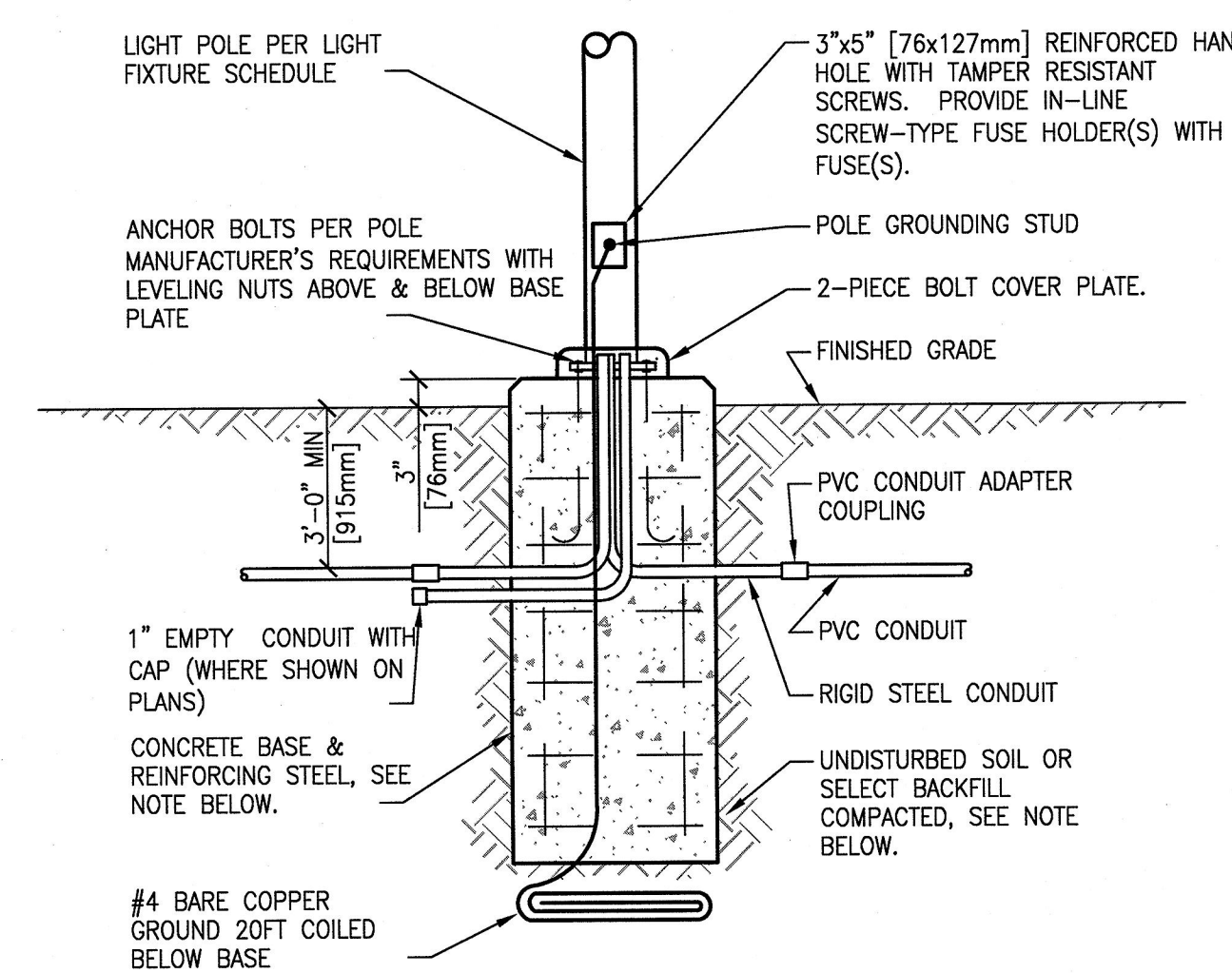
12 PRECAST CONCRETE WHEEL STOPS



NOTE:

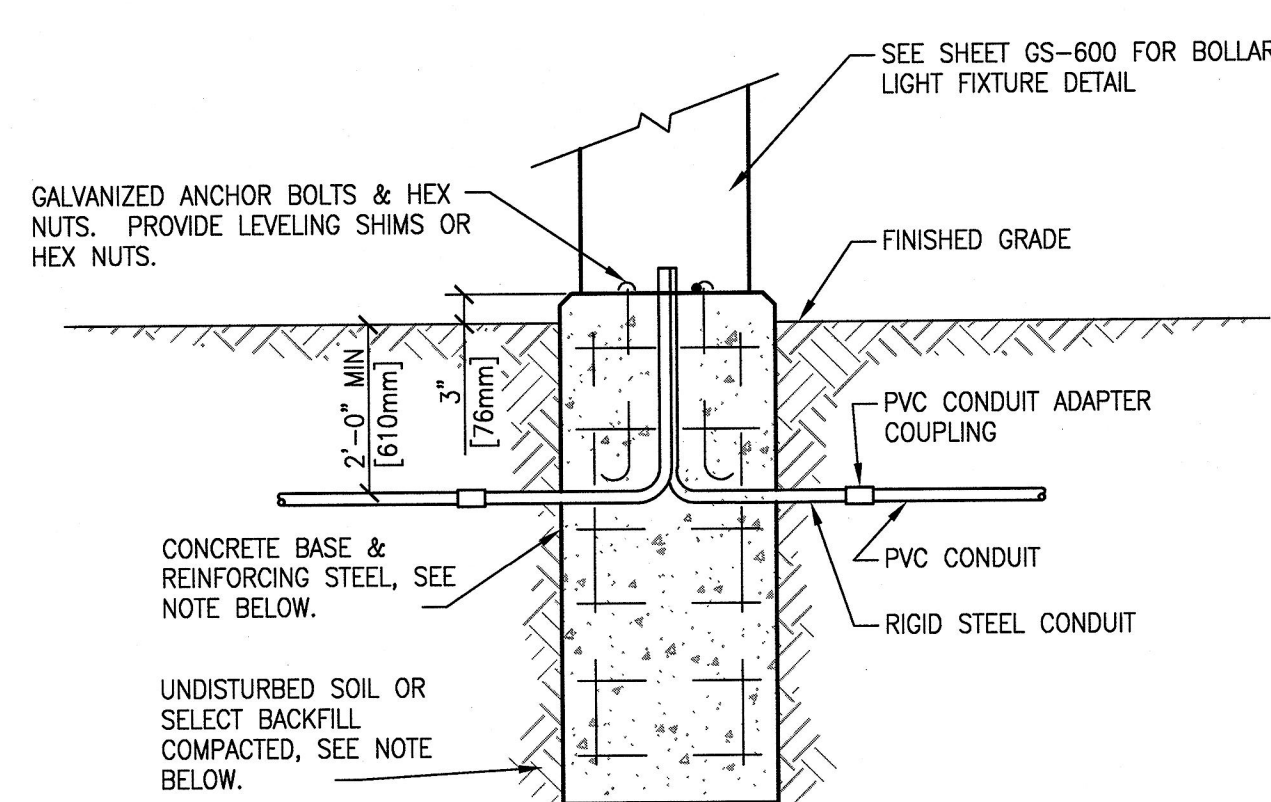
BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

13 POLE BASE DETAIL







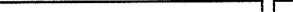
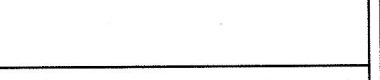
NOTE:
BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

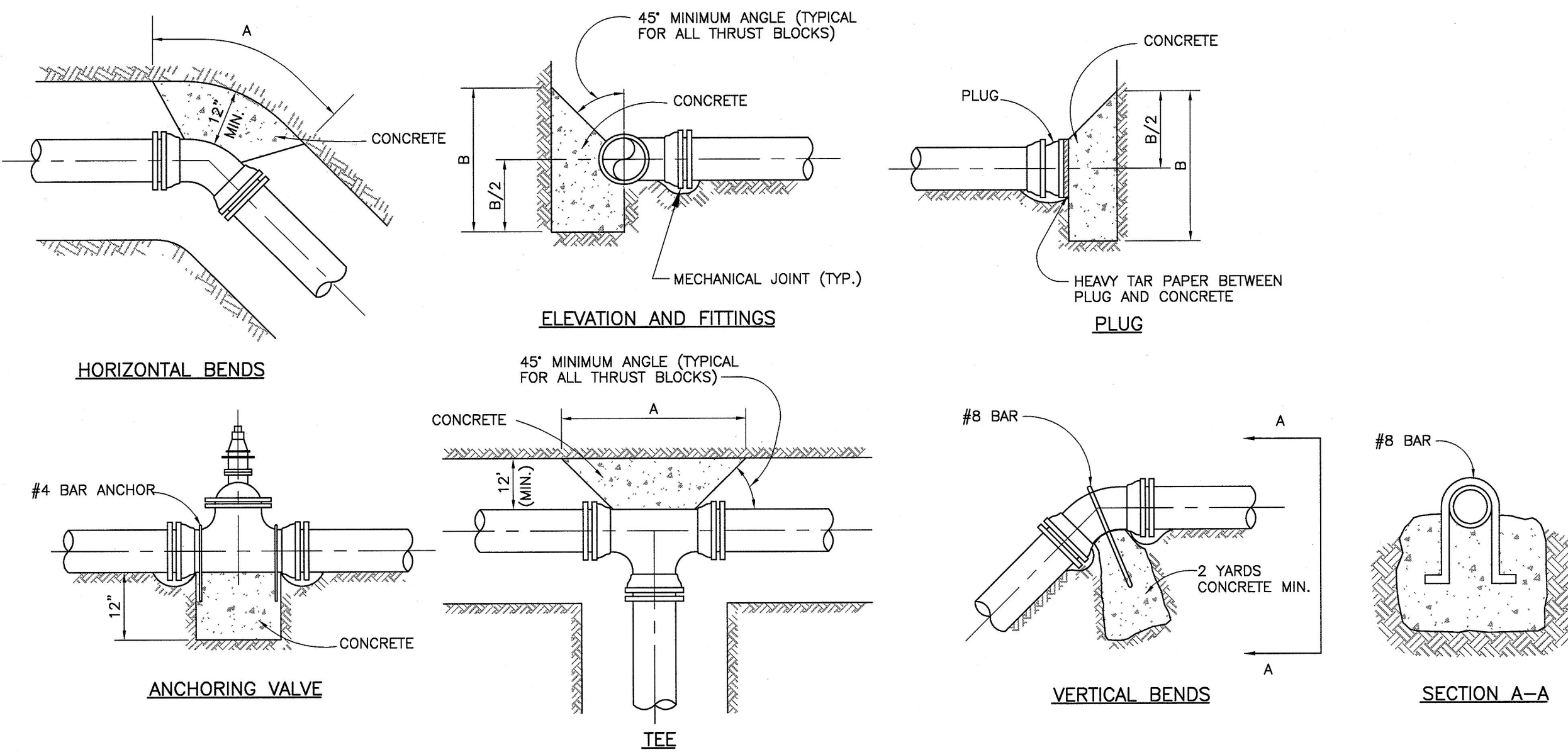
16 POLE BASE DETAIL



NOTE:
BACKFILL, CONCRETE, REINFORCING STEEL, AND ANCHOR BOLTS ARE SHOWN FOR REFERENCE ONLY. STRUCTURAL DESIGN IS SHOWN ON STRUCTURAL DRAWINGS.

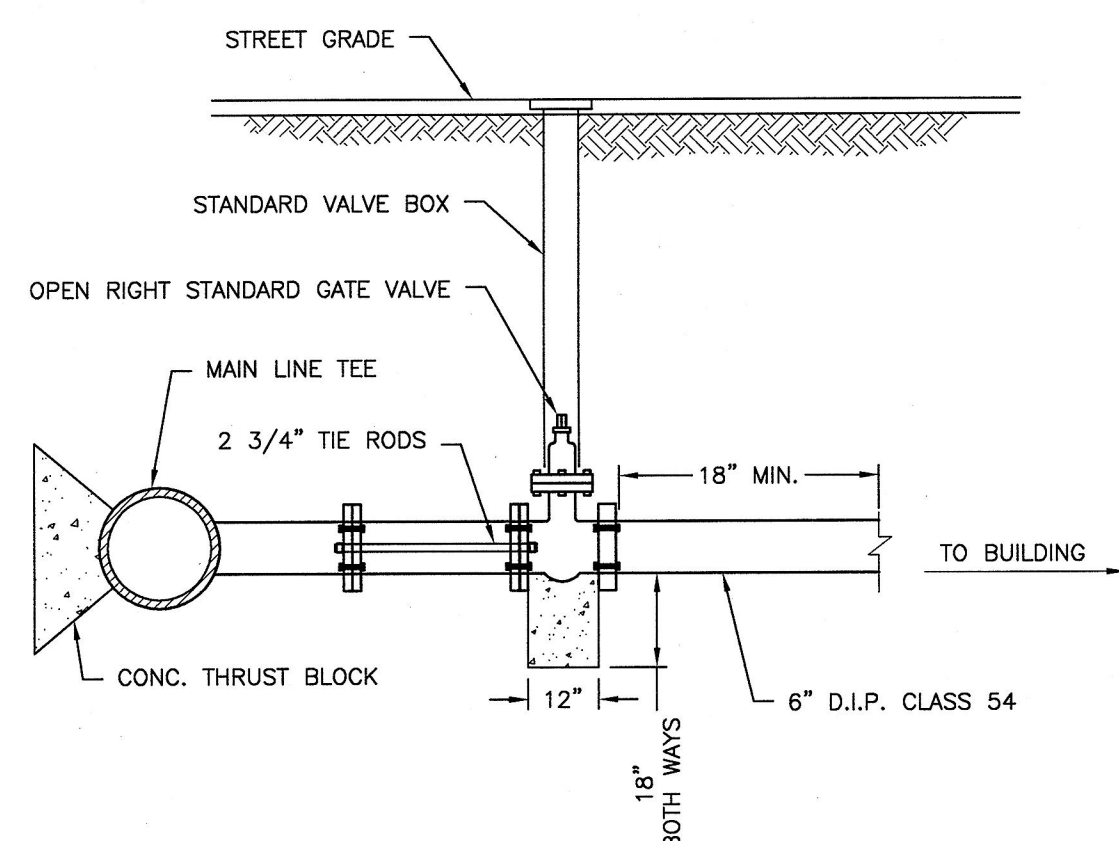
17 BOLLARD BASE DETAIL

CONSULTANTS:					ARCHITECT:		Project Number 3468		Scale AS SHOWN		Drawing Title SITE DETAILS-2		Project Title Behavioral Health Complex		VA Project Number 595-109		Office of Facilities Management	
<div><div>Civil Engineer </div><div>Structural Engineer </div><div>MEP Engineer </div><div>Environmental Consultant </div><div>Cost Estimator </div></div> <div> 2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406 t: 610.270.0599 f: 610.270.0995 www.arrayhfs.com</div>									Approved: Project Director		Location 1700 South Lincoln Ave. Lebanon, PA 17042		Drawing Number GS-701		Dwg. 17 of 123			
<div><div>600 Parsippany Road, Suite 301 Parsippany, NJ 07054-3715 Tel (873) 739-9400 Fax (873) 739-9710</div><div>180 W. Ridge Pike Limerick, PA 19458 Tel (610) 269-9200 Tel (214) 329-5559</div><div>1407 Scale Avenue Johnston, PA 15904 Tel (814) 269-9200 Fax (814) 269-9301</div><div>1047 North Park Road, P.O. Box 6307 Reading, PA 19610 Tel (610) 621-2000 Tel (215) 923-9568</div><div>221 Chestnut Street, Suite 200 Philadelphia, PA 19106 Tel (215) 923-9568</div></div>											Date 07/27/2012		Checked MI		Drawn SP			



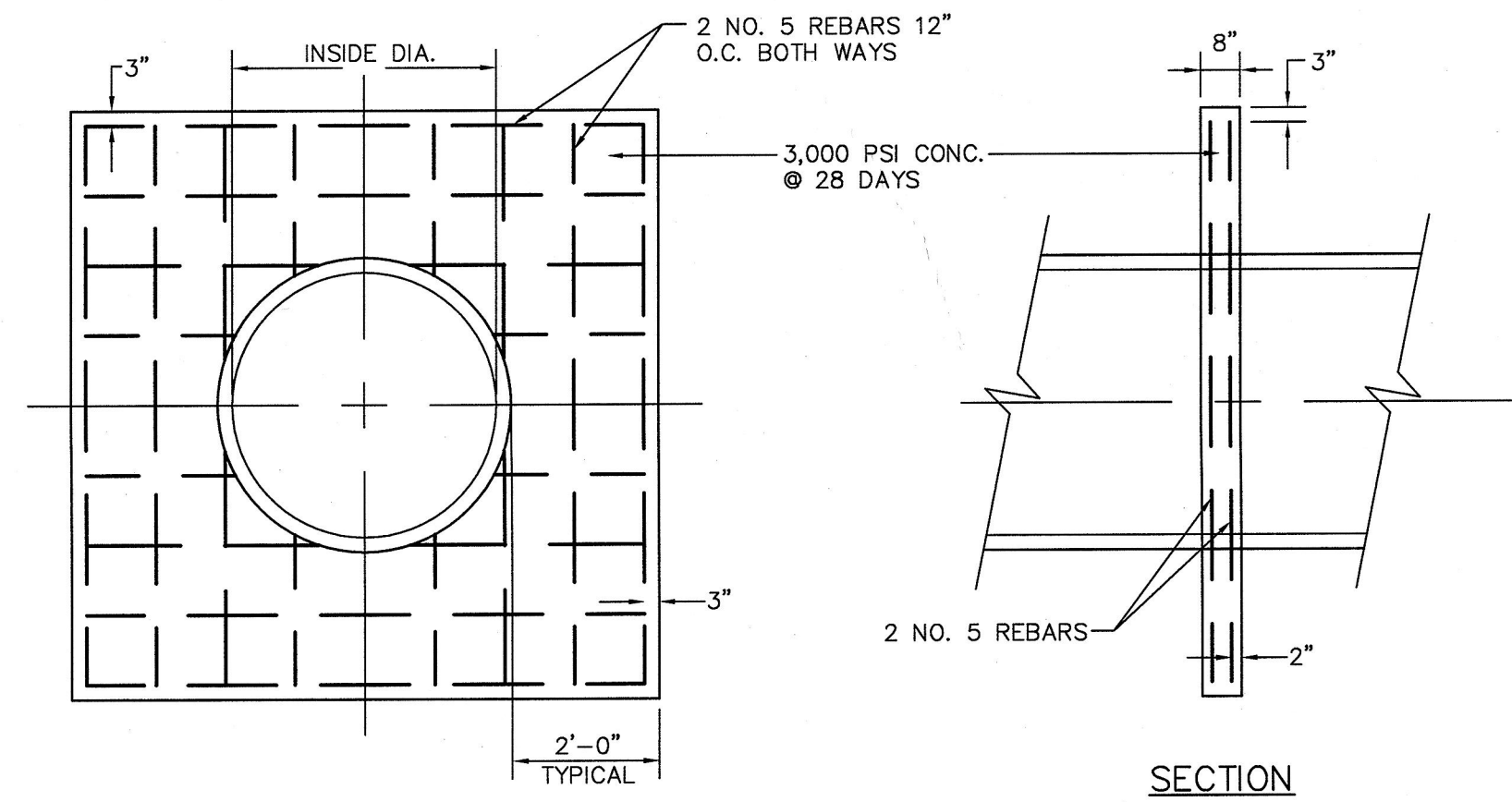
- NOTES:**
- THRUST BLOCKS DIMENSIONS BASED ON SOIL BEARING CAPACITY OF 2000 P.S.F. AND TEST PRESSURE OF 200 P.S.I.
 - ALL DIMENSIONS ARE IN INCHES.
 - THRUST BLOCKS SHALL BE POURED WITH FULL CONTACT WITH UNDISTURBED SOIL.
 - THRUST BLOCKS TO BE INSTALLED AT ALL FITTING LOCATIONS.
 - CONTRACTOR SHALL RETAIN THE OPTION OF INSTALLING A BOLTED JOINT RESTRAINT SYSTEM IN LIEU OF THRUST BLOCKS.
 - ALL CONCRETE TO BE 4000 PSI CONCRETE. HIGH EARLY STRENGTH IS PERMISSIBLE.
 - IF SOIL IS UNSUITABLE FOR THRUST RESTRAINT OR INADEQUATE ROOM EXISTS, BOLTED JOINT RESTRAINT MAY BE PERMITTED IF APPROVED BY ENGINEER.
 - ALL FITTINGS SHALL BE MECHANICAL JOINT. ALL BOLTED CONNECTIONS SHALL BE WRAPPED IN 8 MIL PLASTIC AND TAPED AT ALL ENDS PER AWWA STANDARD C-105.

PIPE SIZE	90° BEND		45° BEND		22-1/2° BEND		TEES	
	A	B	A	B	A	B	A	B
6"	48"	12"	28"	12"	24"	12"	36"	12"
8"	56"	18"	48"	18"	24"	18"	42"	18"
10"	60"	24"	52"	24"	36"	24"	48"	24"
12"	74"	30"	58"	30"	36"	30"	52"	30"
16"	90"	42"	64"	36"	36"	36"	80"	36"

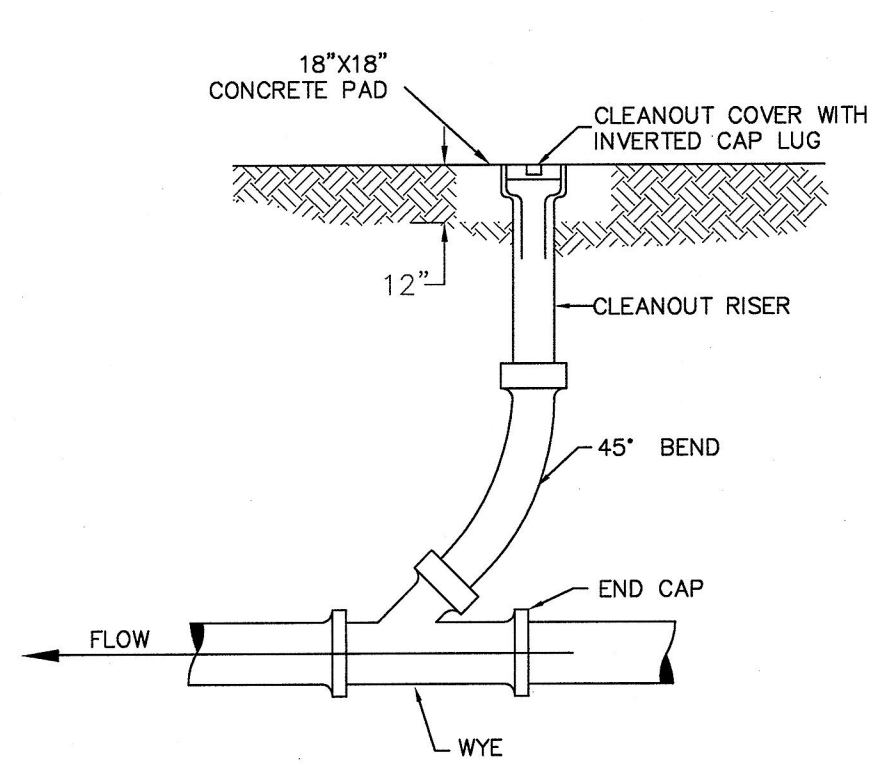


WATER SERVICE CONNECTION

N.T.S.

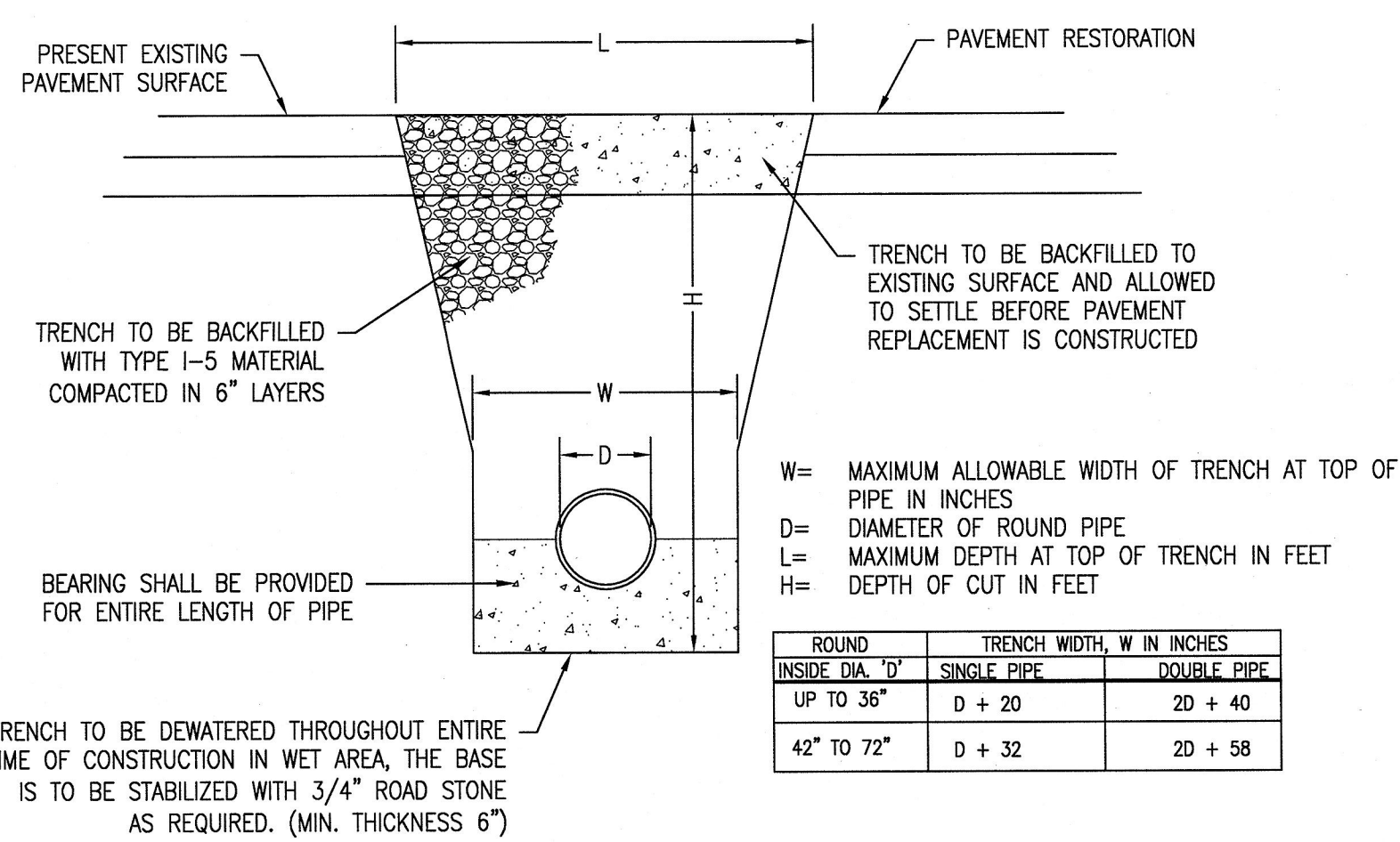


- NOTES:**
- PRIOR TO CONSTRUCTION OF COLLAR, THE OUTSIDE OF THE PIPE SHALL BE CLEANED.
 - ALL REINFORCING STEEL SHALL BE GRADE 40.
 - THE ANTI-SEEP COLLAR SHALL BE PLACED AT THE POINTS WHERE THE PIPE ENTERS AND EXITS THE CLAY CORE. SEE SECTION THROUGH OUTLET.
 - ALL DIMENSIONS APPLY FOR R.C.P., H.E.R.C.P., CONCRETE BOX CULVERTS, ETC.

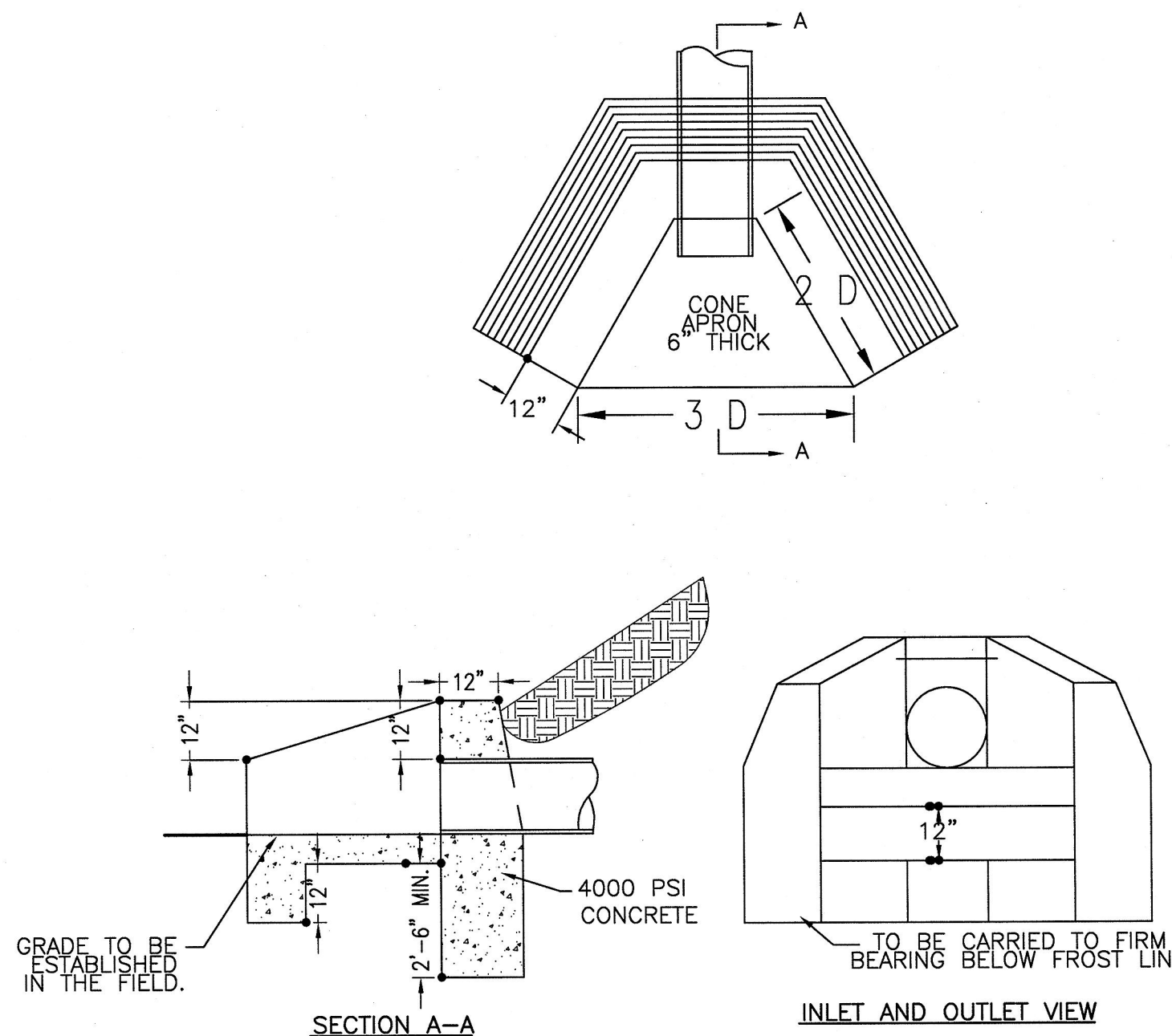


CLEANOUT DETAIL

N.T.S.

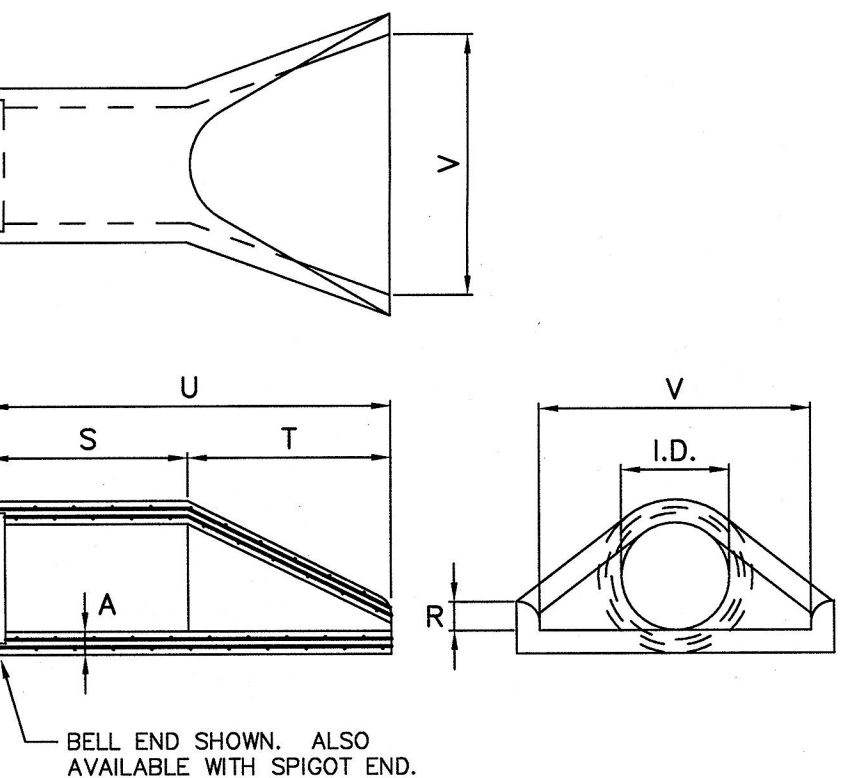


- NOTES:**
- TRENCH SHALL BE BACKFILLED TO THE SURROUNDING EXISTING GROUND ELEVATION OR PAVEMENT SUBGRADE, WHICHEVER IS LOWER.
 - FOR PVC PIPE BRING COARSE AGGREGATE TO SPRING LINE OF PIPE. FOR HDPE PIPE, BACKFILL WITH CRUSHED STONE 12" ABOVE PIPE. FOR RCP INSTALL STONE BEDDING TO 120" LINE, AS SHOWN.
 - MINIMUM BEDDING FOR PIPE SHALL BE 6" COARSE AGGREGATE.
 - CONTRACTOR TO PROVIDE ADEQUATE COVER TO ALL PIPES PRIOR TO FINAL PAVING.



CONCRETE HEADWALL DETAIL

N.T.S.

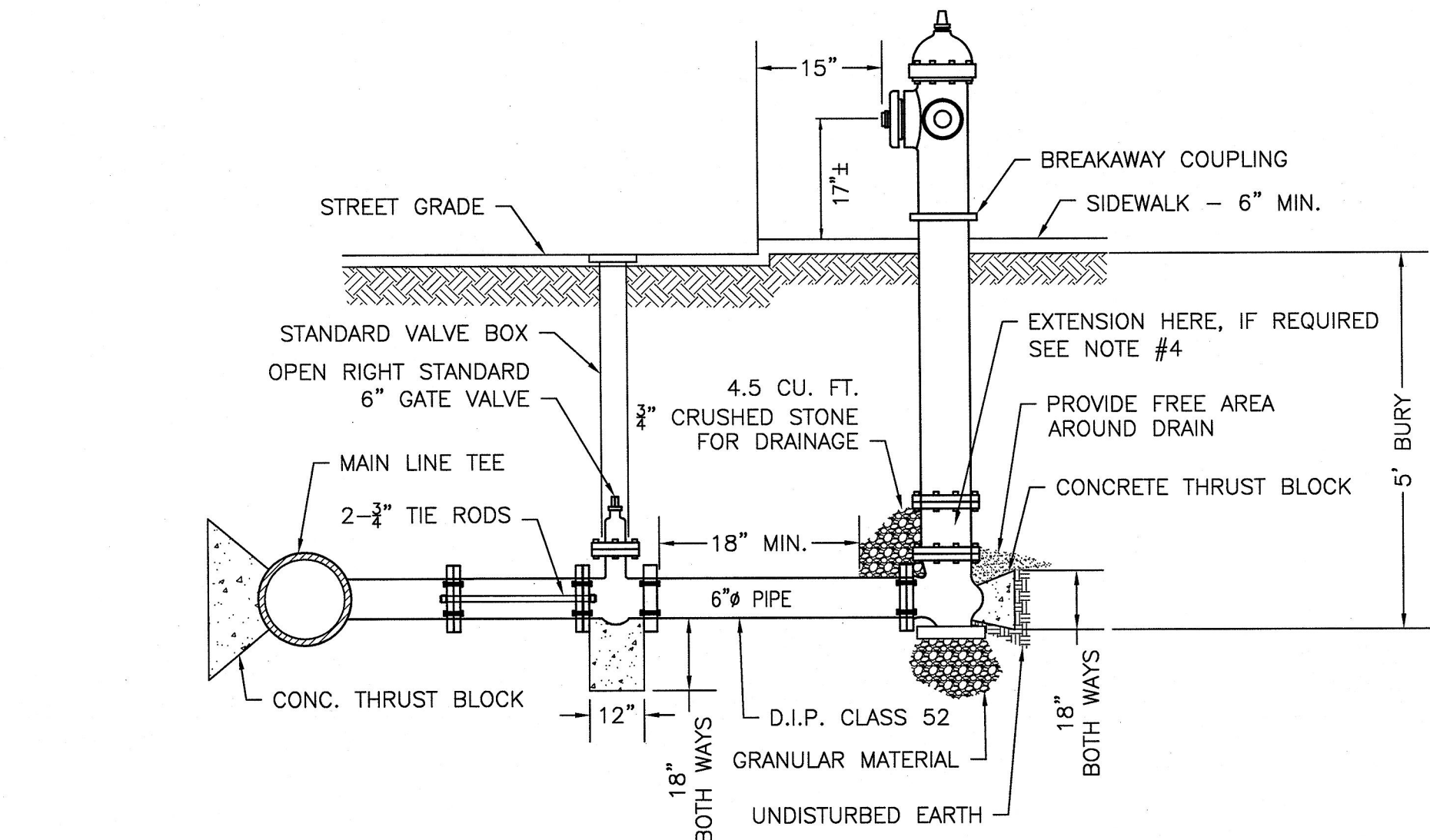


I.D.	15	18	21	24	27	30	36	42	48	54	60
A	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	4	4 1/2	5	5 1/2	6
R	7 1/2	9	10	10	14	14	21	21	24	27	31
S	24	24	24	24	26	26	36	36	36	36	36
T	24	24	24	24	30	36	60	60	66	60	60
V	4	4	4	4	4	4	8	8	8	8	8
W	28	34	40	48	54	60	72	78	84	90	96
W	480	640	860	920	1200	1540	2100	5500	6500	8200	8200

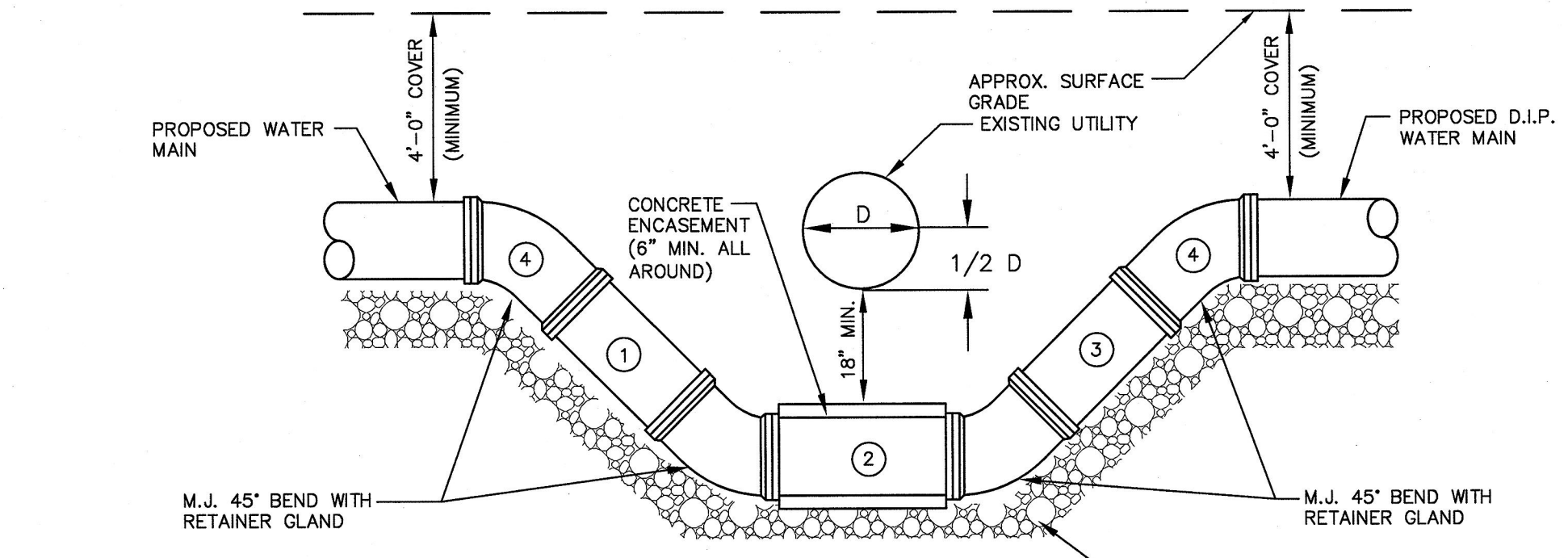
NOTES:
ALL NUMBERS REPRESENT INCHES UNLESS OTHERWISE SPECIFIED.

FLARED END SECTION

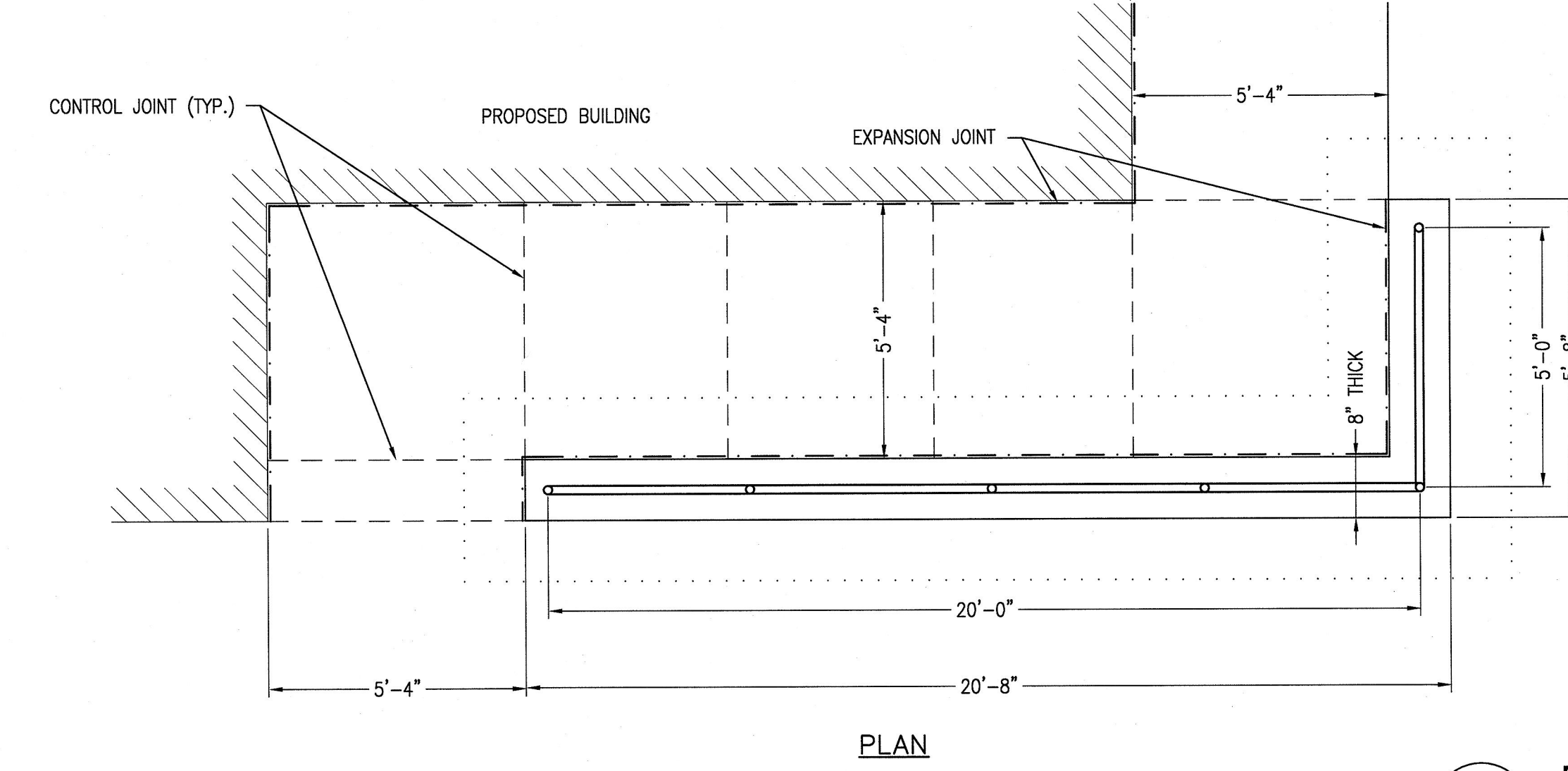
N.T.S.



- NOTES:**
- VALVE SHALL BE AWWA METROSEAL 250 RESILIENT SEATED GATE VALVE.
 - ALL MECHANICAL JOINTS SHALL HAVE RETAINER GLANDS.
 - HYDRANT NOZZLE DIAMETER AND THREAD SHALL COMPLY WITH CITY OF LEBANON AUTHORITY REQUIREMENTS.
 - LOW PRESSURE EXTENSION: 6", 12", 18" FLANGED TYPE (THREADED) HYDRANT EXTENSION SPOOL PIECE FOR 4 1/2" "S" SERIES L.P. HYDRANT WITH DRAIN AND STOP.
 - HYDRANT SHALL BE MANUFACTURED BY AMERICAN DARLING WITH TWO (2) 2.5 INCH OUTLETS W/8 THREADS PER INCH AND ONE (1) 4.5 INCH OUTLET W/4 THREADS PER INCH.



- NOTES:**
- PIPE SECTIONS 1 AND 3 VARIABLE SHALL BE DETERMINED IN FIELD BY ENGINEER.
 - PIPE SECTION 2 SHALL BE FULL LENGTH (20 FEET) CENTERED UNDER CROSSINGS.
 - CONCRETE CRADLE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3500 P.S.I.
 - VERTICAL BEND RESTRAINTS AS PER DETAIL SHALL BE UTILIZED AS DEEMED NECESSARY BY THE ENGINEER.

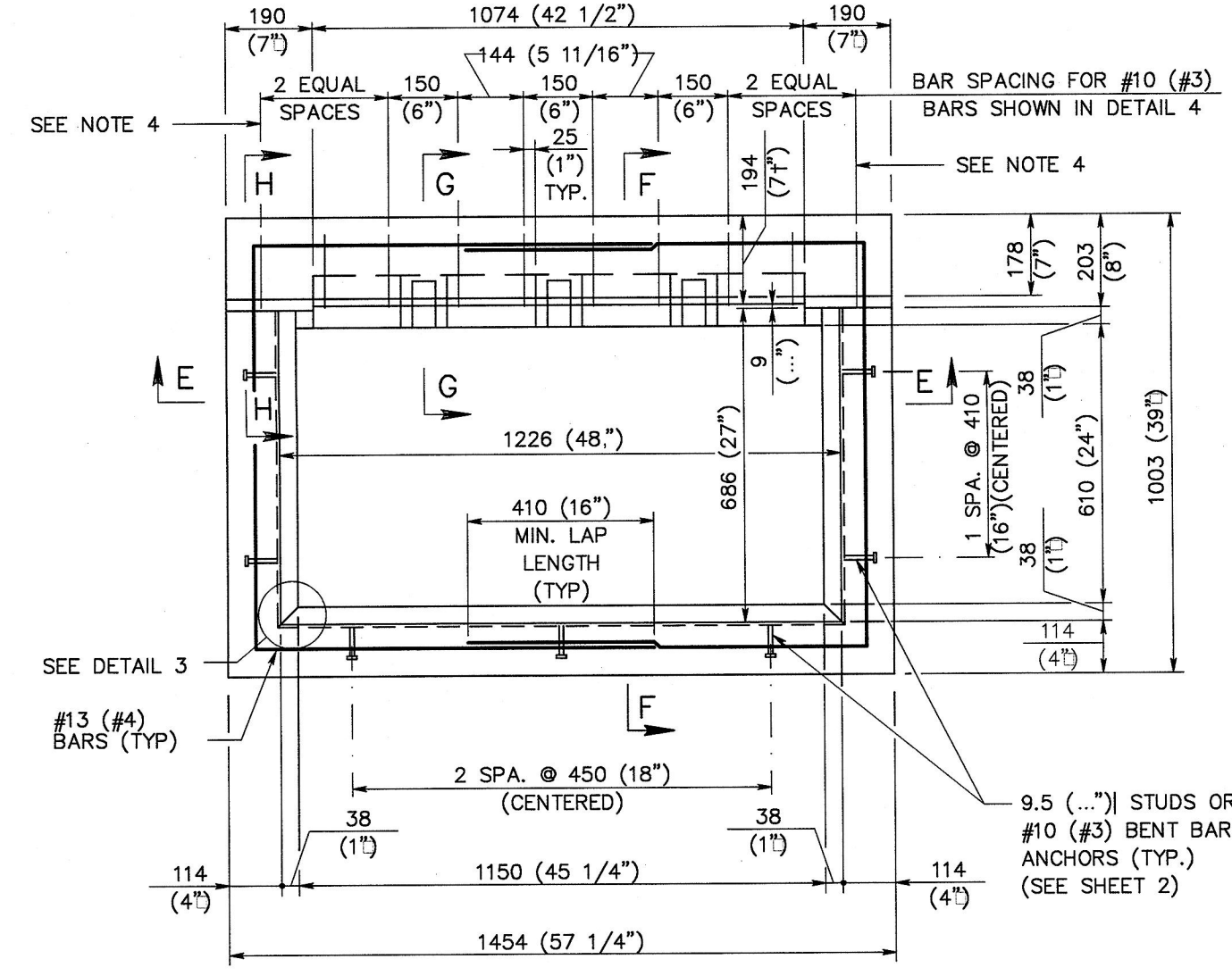


RAILING AND RAMP

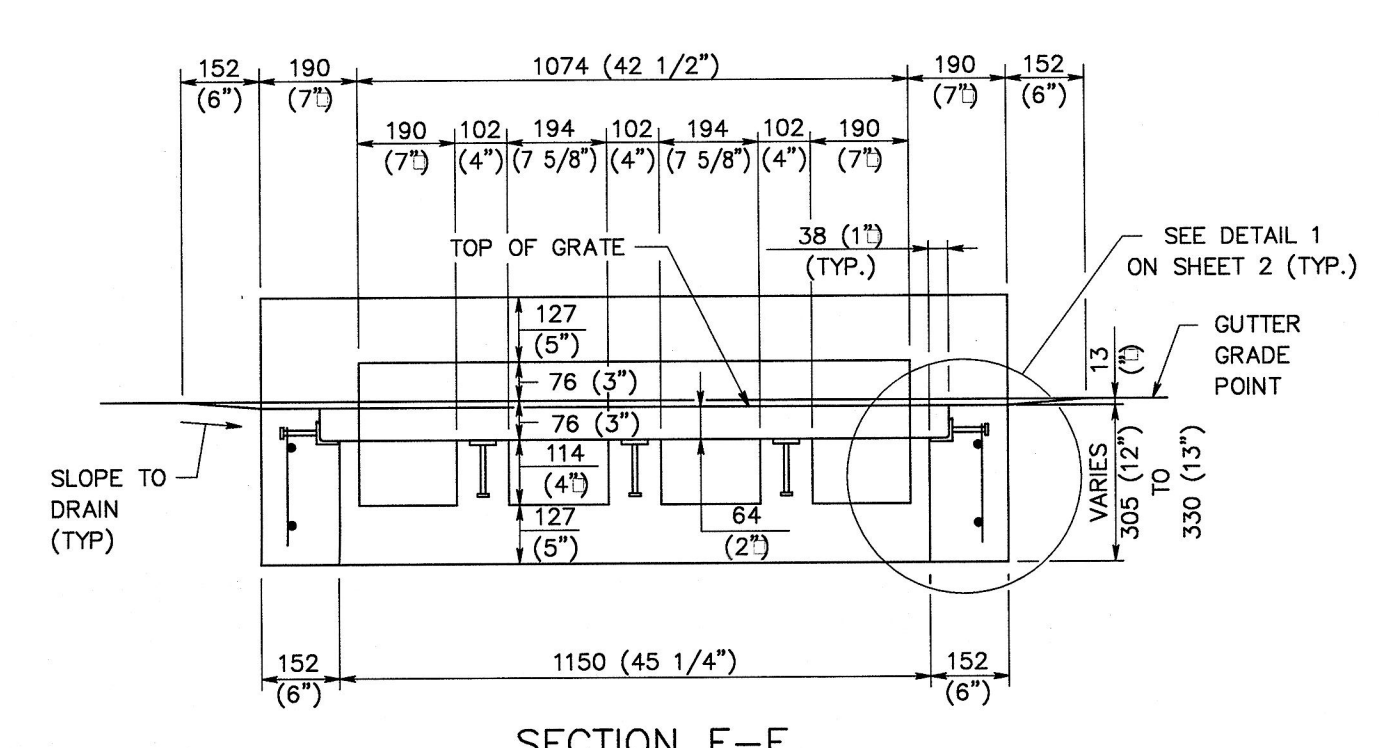
N.T.S.

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100% CONSTRUCTION DOCUMENTS

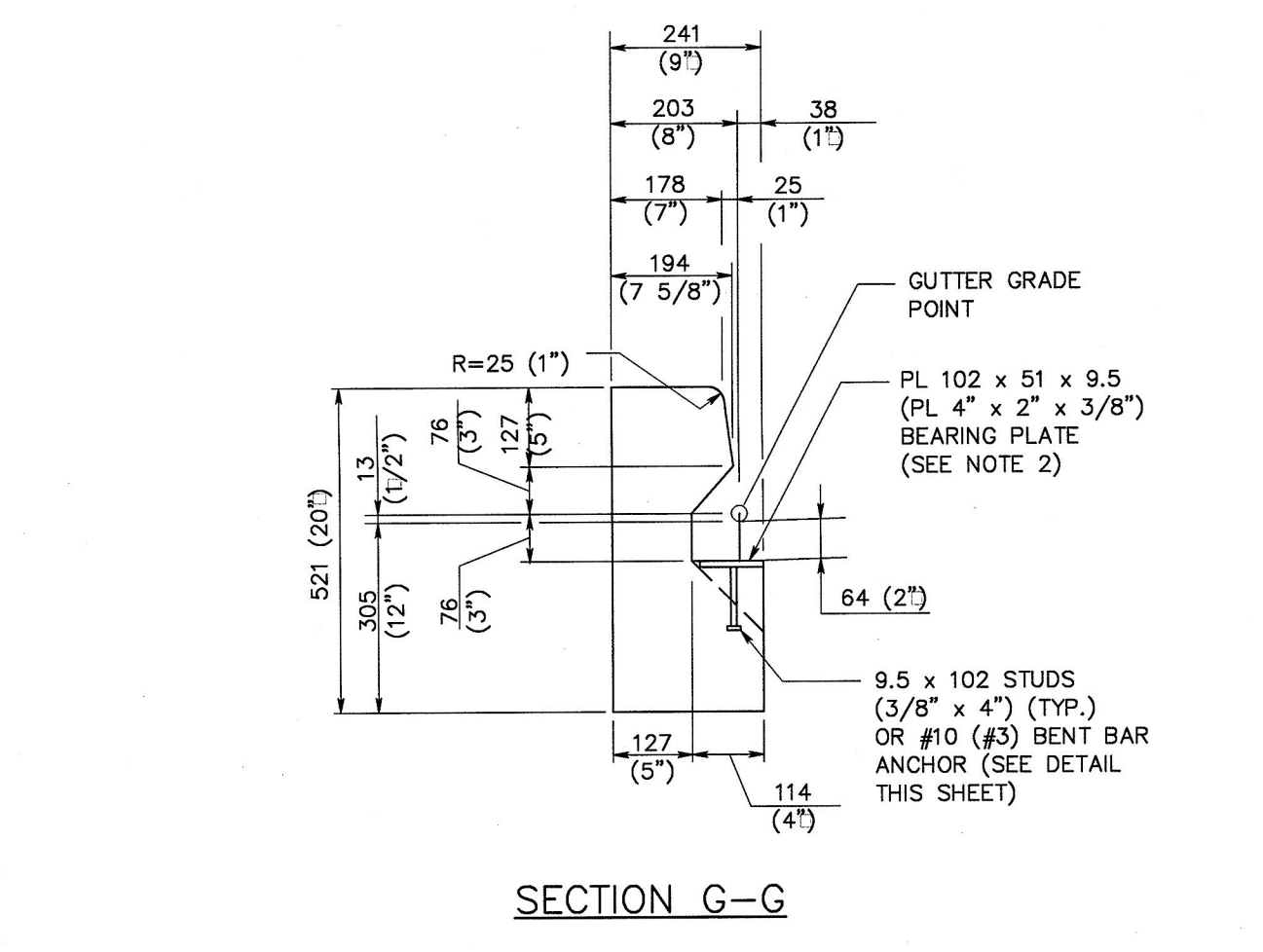
CONSULTANTS: Civil Engineer: Dewberry Structural Engineer: WZG MEP Engineer: HEITZ Environmental Consultant: SSM Cost Estimator: INTERNATIONAL CONSULTANTS, INC.		ARCHITECT: ARRAY healthcare facilities solutions Project Number: 3468 Scale: AS SHOWN 2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406 T: 610.270.0599 F: 610.270.0995 www.arrayhfs.com		Drawing Title: SITE DETAILS-3 Approved: Project Director		Project Title: Behavioral Health Complex Location: 1700 South Lincoln Ave. Lebanon, PA 17042 Date: 07/27/2012 Checked: MI Drawn: SP		VA Project Number: 595-109 Building Number: 34 Drawing Number: GS-702 Dwg. 18 of 123		Office of Facilities Management Department of Veterans Affairs	
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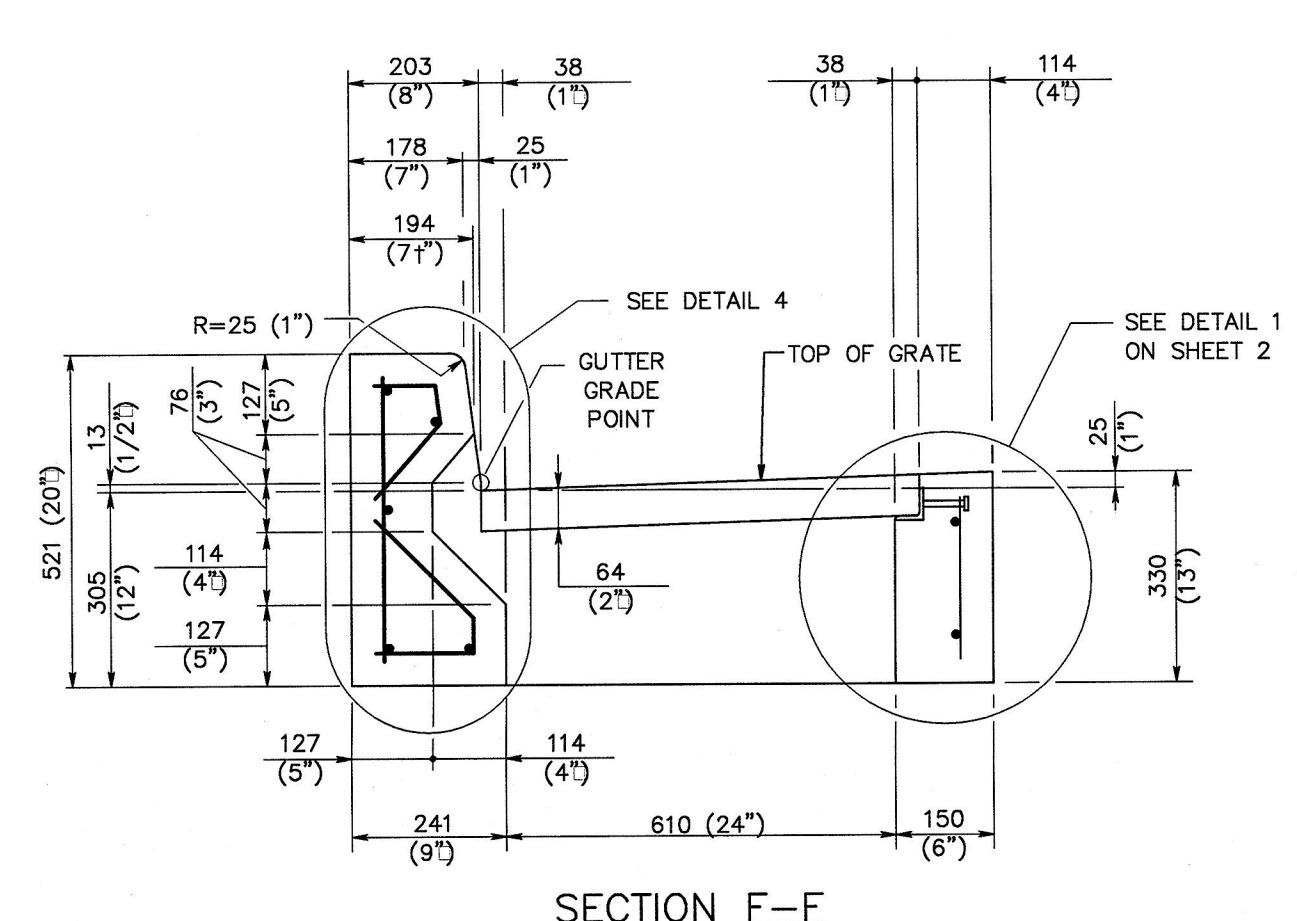
PLAN VIEW - TYPE C



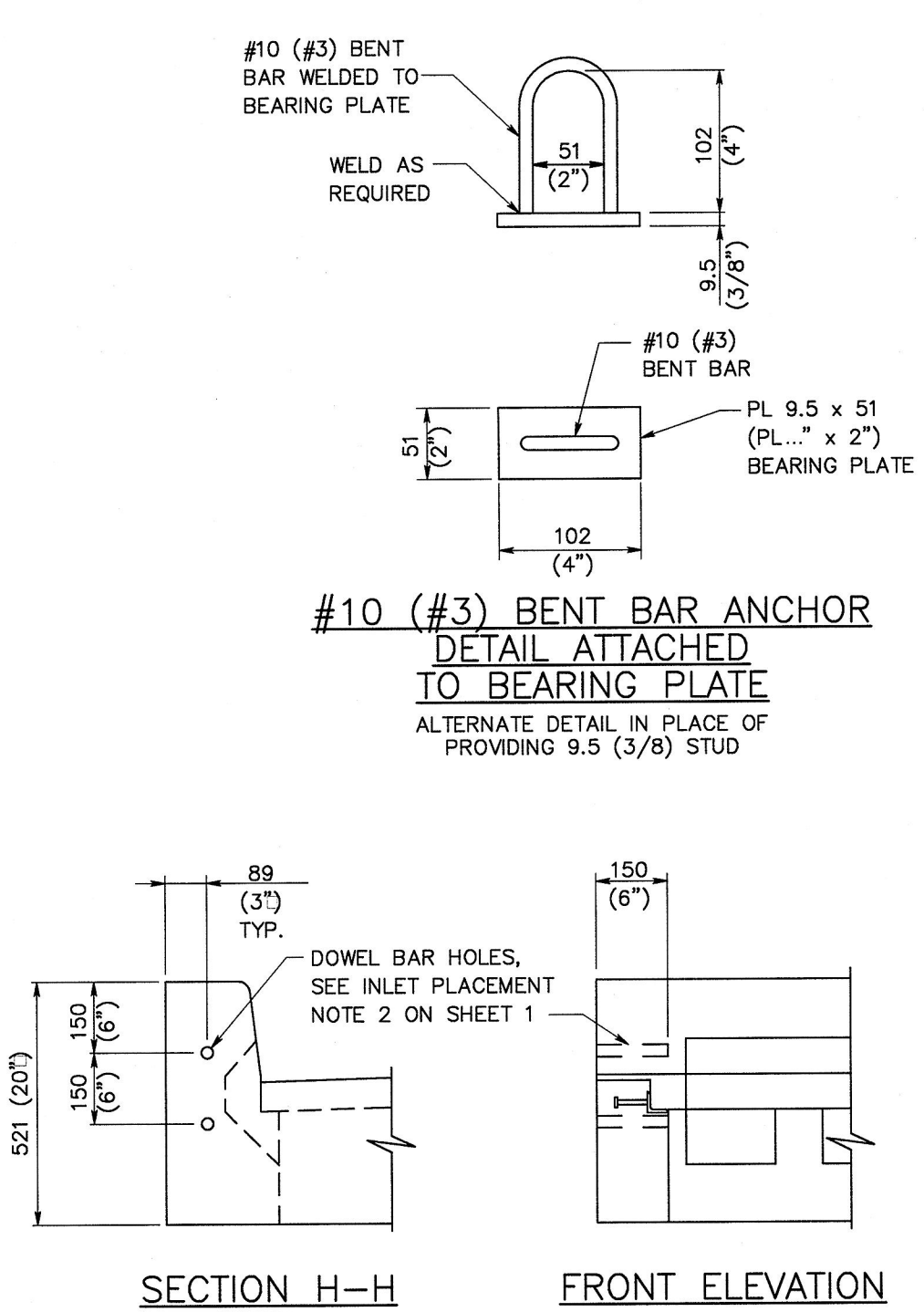
SECTION E-E



SECTION G-G



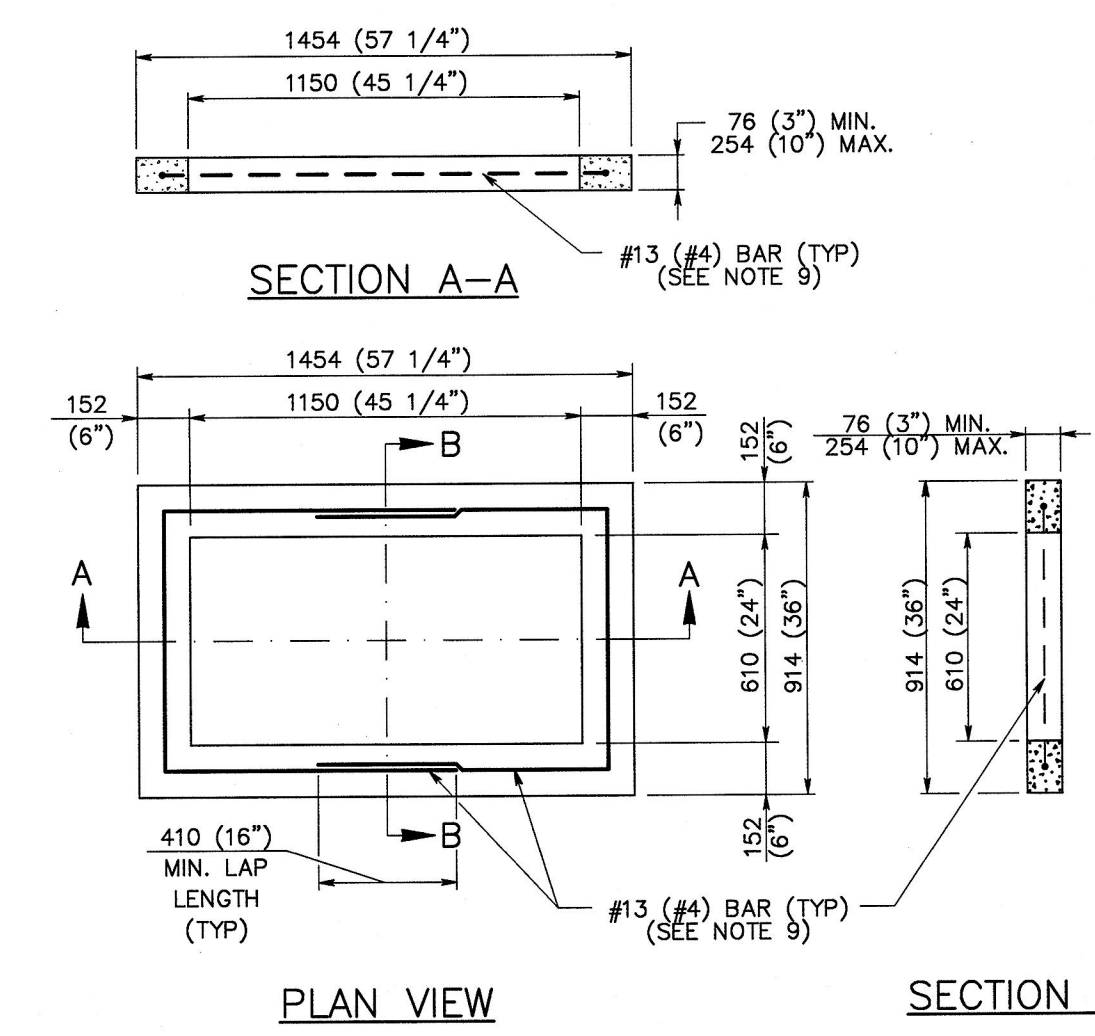
SECTION F-F



SECTION H-H

FRONT ELEVATION

- NOTES:**
- INLETS SHALL COMPLY WITH PADOT SPECIFICATIONS.
 - A MAXIMUM OF TWO HOLES ARE PERMITTED IN THE PLATE TO POSITION AND HOLD THE PLATE IN PLACE DURING FABRICATION. HOLES ARE NOT PERMITTED TO BE GREATER THAN 6 mm (1/4") DIAMETER.
 - FABRICATOR SHALL DETERMINE NUMBER OF BARS REQUIRED TO MATCH SHAPE INDICATED. PROVIDE ONE, TWO, OR THREE BARS AS REQUIRED.
 - BEND OUTSIDE STIRRUP TO ACCOMMODATE DOWEL BARS AND STILL MAINTAIN CLEARANCE REQUIREMENTS.



SECTION A-A

SECTION B-B

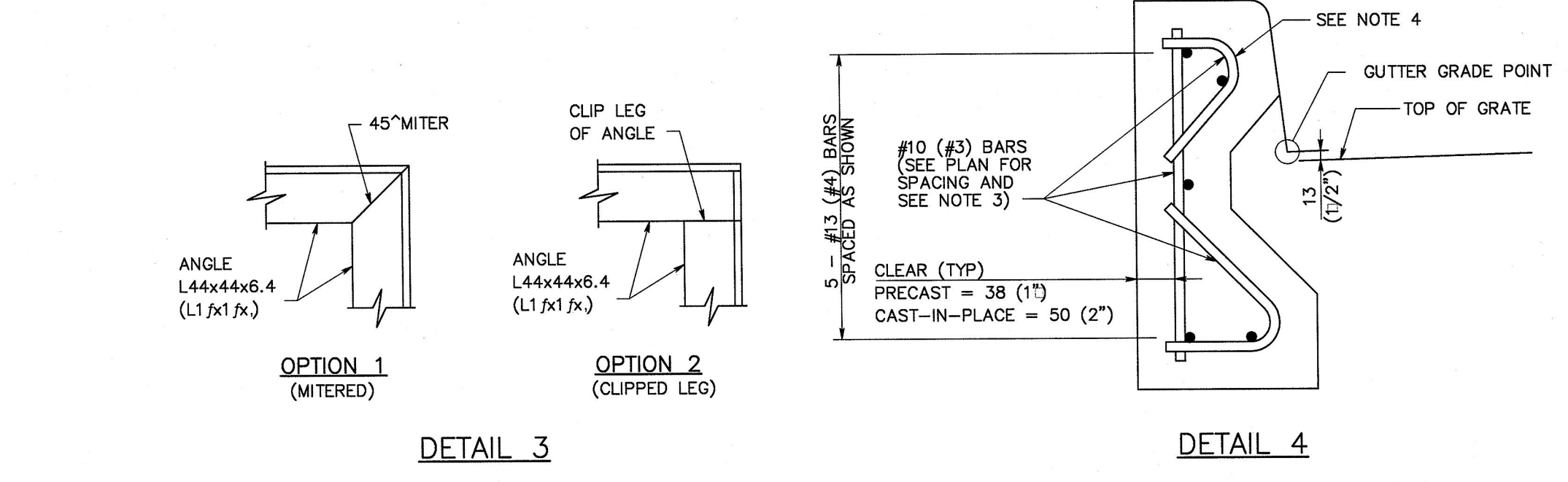
PRECAST CONCRETE GRADE ADJUSTMENT RING
(FOR TYPE C, C ALTERNATE, M, AND S CONCRETE TOP UNITS)

- PRECAST CONCRETE GRADE ADJUSTMENT RING NOTES:**
- PRECAST CONCRETE ADJUSTMENT RINGS ARE PERMITTED FOR TYPE C, C ALTERNATE, M, S AND D-H CONCRETE INLET TOPS. DO NOT USE PRECAST CONCRETE ADJUSTMENT RINGS TO RAISE TYPE C FRAMES.
 - ONLY ONE GRADE ADJUSTMENT RING IS PERMITTED FOR NEW CONSTRUCTION PROJECTS. GRADE ADJUSTMENT RINGS ARE INCIDENTAL TO THE COST OF THE TOP UNITS OR FRAMES.
 - PROVIDE ADJUSTMENT RING WHICH IS FLUSH WITH THE INLET TOP AND DOES NOT ALLOW EXCESSIVE MOVEMENT.
 - GRADE ADJUSTMENT RINGS ARE PERMITTED TO BE FABRICATED IN DIFFERENT SHAPES TO FORM A RECTANGLE TO MATCH THE REQUIRED DIMENSIONS. SECTIONS ARE NOT PERMITTED TO BE LESS THAN 457 mm (1'-6") IN LENGTH.
 - PROVIDE 38 mm (1 1/2") CONCRETE COVER FOR REINFORCEMENT AT EACH END.
 - MAXIMUM GAP BETWEEN PIECES = 13 mm (1/2").
 - FABRICATOR IS RESPONSIBLE FOR LIFTING, HANDLING AND TRANSPORTATION STRESSES.
 - PROVIDE CLASS AA CEMENT CONCRETE, MODIFIED [DESIGN COMPRESSIVE STRENGTH = $f_c = 28$ MPa (4,000 PSI)] IN THE PRECAST CONCRETE ADJUSTMENT RINGS.
 - A HIGHER STRENGTH OF CONCRETE MAY BE SUBSTITUTED FOR A LOWER STRENGTH CONCRETE AT NO ADDITIONAL COST TO THE DEPARTMENT. SUBMIT MIX DESIGNS TO THE DEPARTMENT FOR REVIEW AND ACCEPTANCE.
 - PROVIDE GRADE 420 (GRADE 60) DEFORMED REINFORCEMENT BARS THAT MEET THE REQUIREMENTS OF ASTM A615M (A615) OR ASTM A706M (A706).
 - REINFORCEMENT REQUIREMENTS:
 - DEPTHS LESS THAN OR EQUAL TO 152 (6"): PROVIDE ONE #13 (#4) BAR PLACED AT CENTER OF THICKNESS.
 - DEPTHS GREATER THAN 152 (6") AND LESS THAN OR EQUAL TO 254 (10"):
 - PROVIDE ONE #13 (#4) BAR PLACED 38 (1 1/2") CLEAR FROM THE TOP AND BOTTOM SURFACES FOR A TOTAL OF TWO BARS.
 - SET PRECAST CONCRETE GRADE ADJUSTMENT RINGS ON A NON-SHRINK GROUT PAD TO PROVIDE FULL BEARING ON THE SUPPORTING SURFACE.
 - PROVIDE NON-SHRINK GROUT IN ACCORDANCE WITH PUBLICATION 408, SECTION 1001.2(4). MAXIMUM GROUT DEPTH = 13 mm (1/2").
 - TAPERED PRECAST CONCRETE ADJUSTMENT RINGS ARE PERMITTED AS LONG AS THE MINIMUM AND MAXIMUM DIMENSIONS REQUIRED ARE BETWEEN 76 mm (3") AND 254 mm (10").

- GRADE ADJUSTMENT RING GENERAL NOTES:**
- DEPICTED DIMENSIONS ARE REQUIRED FOR UNIFORMITY AND INTERCHANGEABILITY. IT DOES NOT INCLUDE DETAILS REQUIRED FOR FABRICATION OR MANUFACTURING. FOR DEVIATIONS OR MODIFICATIONS OF THE STANDARDS, SUBMIT SHOP DRAWINGS TO THE BUREAU OF DESIGN HIGHWAY QUALITY ASSURANCE DIVISION CHIEF FOR REVIEW AND ACCEPTANCE.
 - PROVIDE GRADE ADJUSTMENT RINGS/RISERS SUPPLIED BY A MANUFACTURER LISTED IN BULLETIN 15.
 - PROVIDE MATERIALS AND WORKMANSHIP IN ACCORDANCE WITH THE PUBLICATION 408, AASHTO/AWS BRIDGE WELDING CODE D1.5 AND/OR D1.1 OR D1.3, AS APPROPRIATE AND THE CONTRACT SPECIAL PROVISIONS.
 - BRICK OR BRICK AND MORTAR ARE NOT ALLOWED FOR GRADE ADJUSTMENTS FOR NEW OR REHABILITATION PROJECTS.
 - ALTERNATE ADJUSTMENT RINGS:
 - HOPE OR RUBBER GRADE ADJUSTMENT RINGS ARE PERMITTED FOR GRADE ADJUSTMENTS IF REQUESTED BY THE CONTRACTOR AND ACCEPTED BY PENNDOT PRIOR TO INSTALLATION. PROVIDE HOPE OR RUBBER GRADE ADJUSTMENT RINGS SUPPLIED BY A MANUFACTURER LISTED IN BULLETIN 15.

INLET TOPS, GRATES AND FRAMES
GRADE ADJUSTMENT RINGS - 1

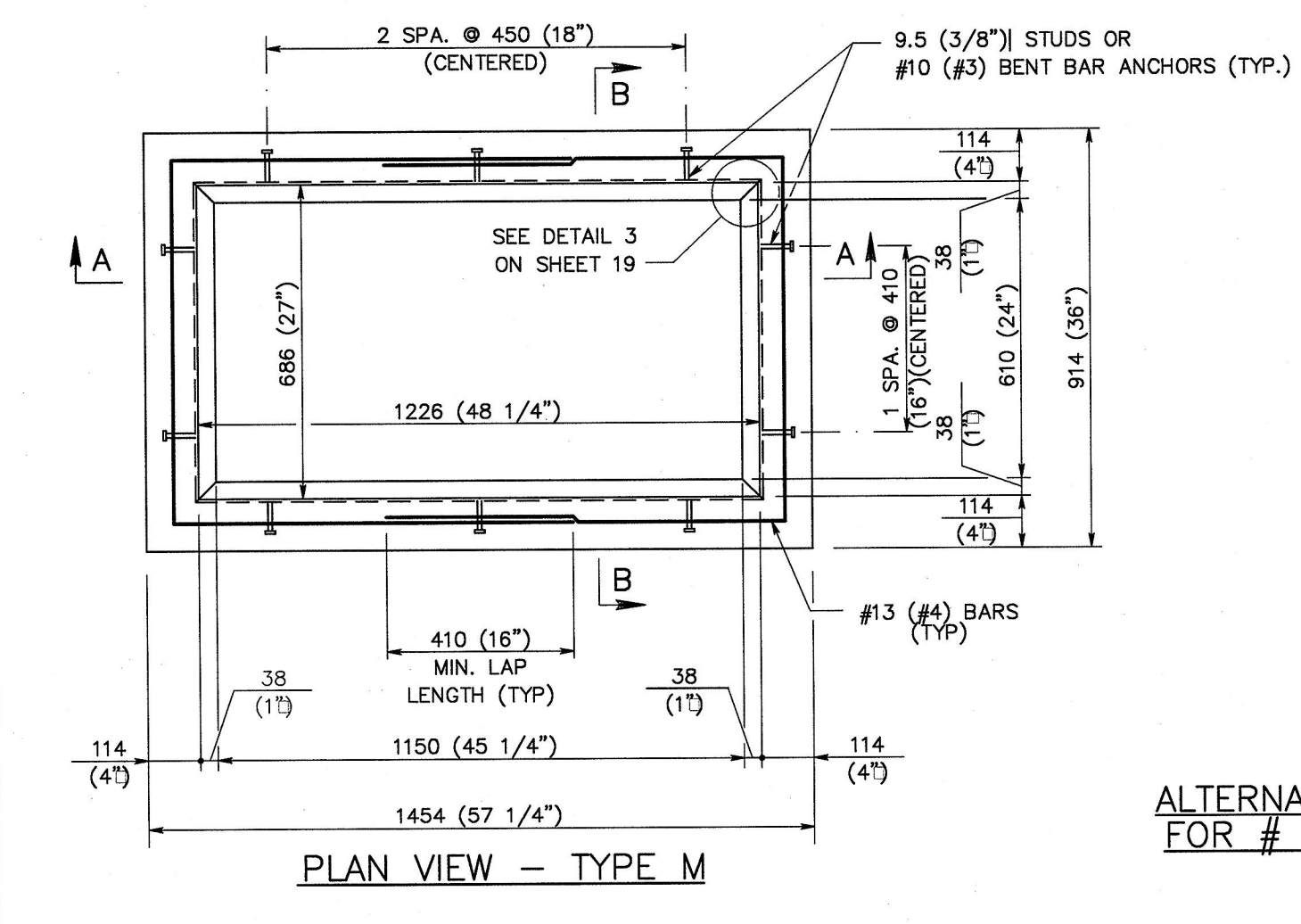
30 N.T.S.



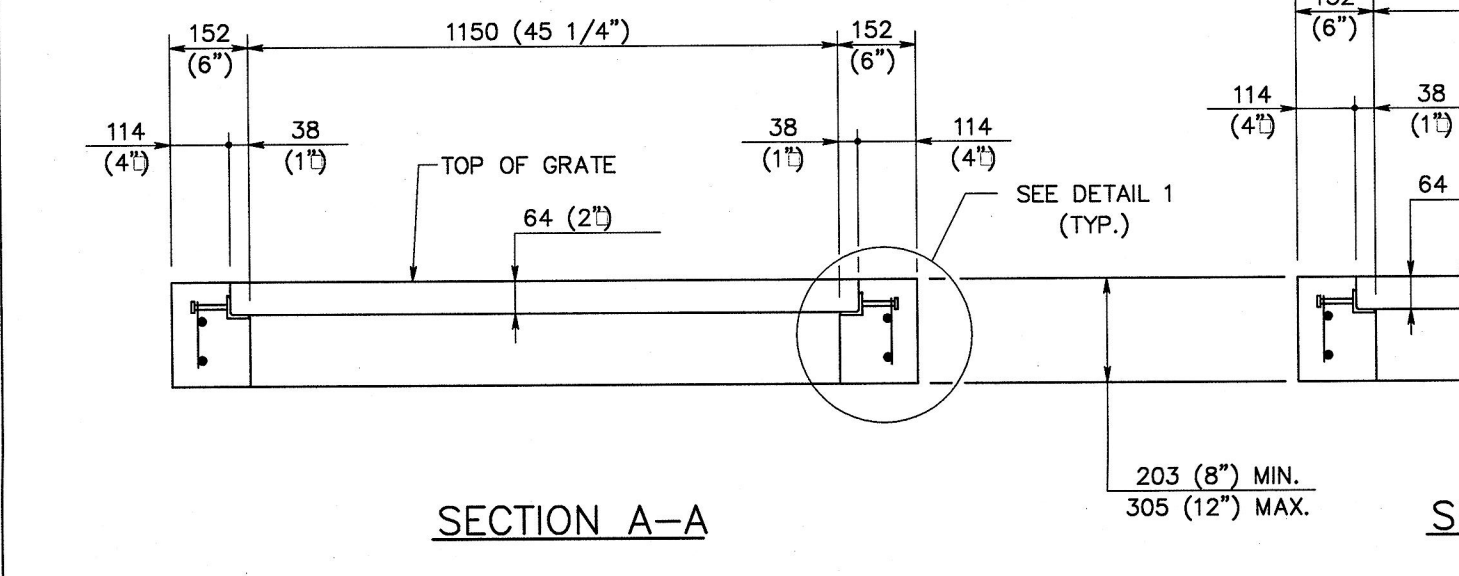
DETAIL 3

DETAIL 4

28 TYPE 'C' INLET
N.T.S.



PLAN VIEW - TYPE M

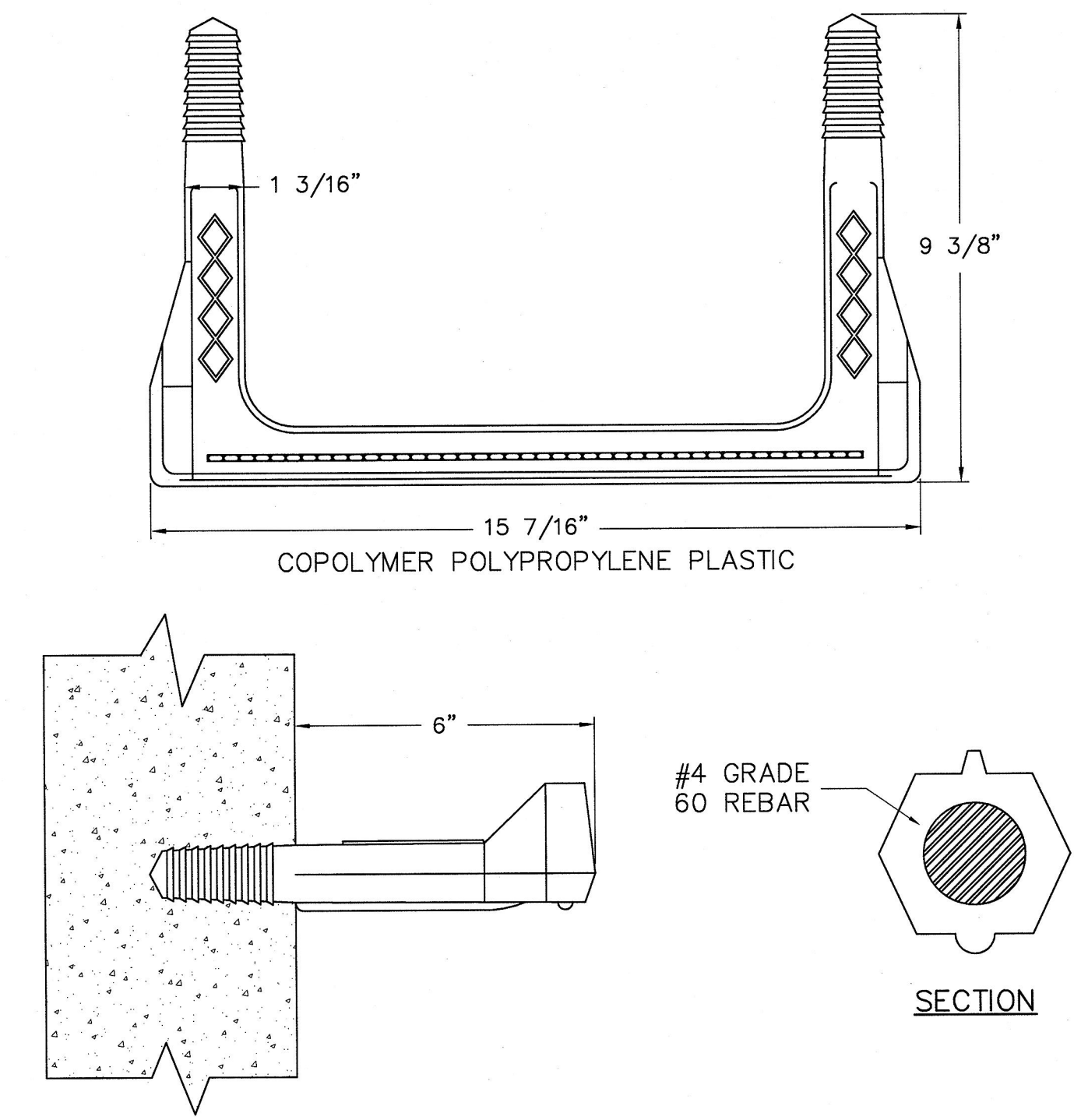


SECTION A-A

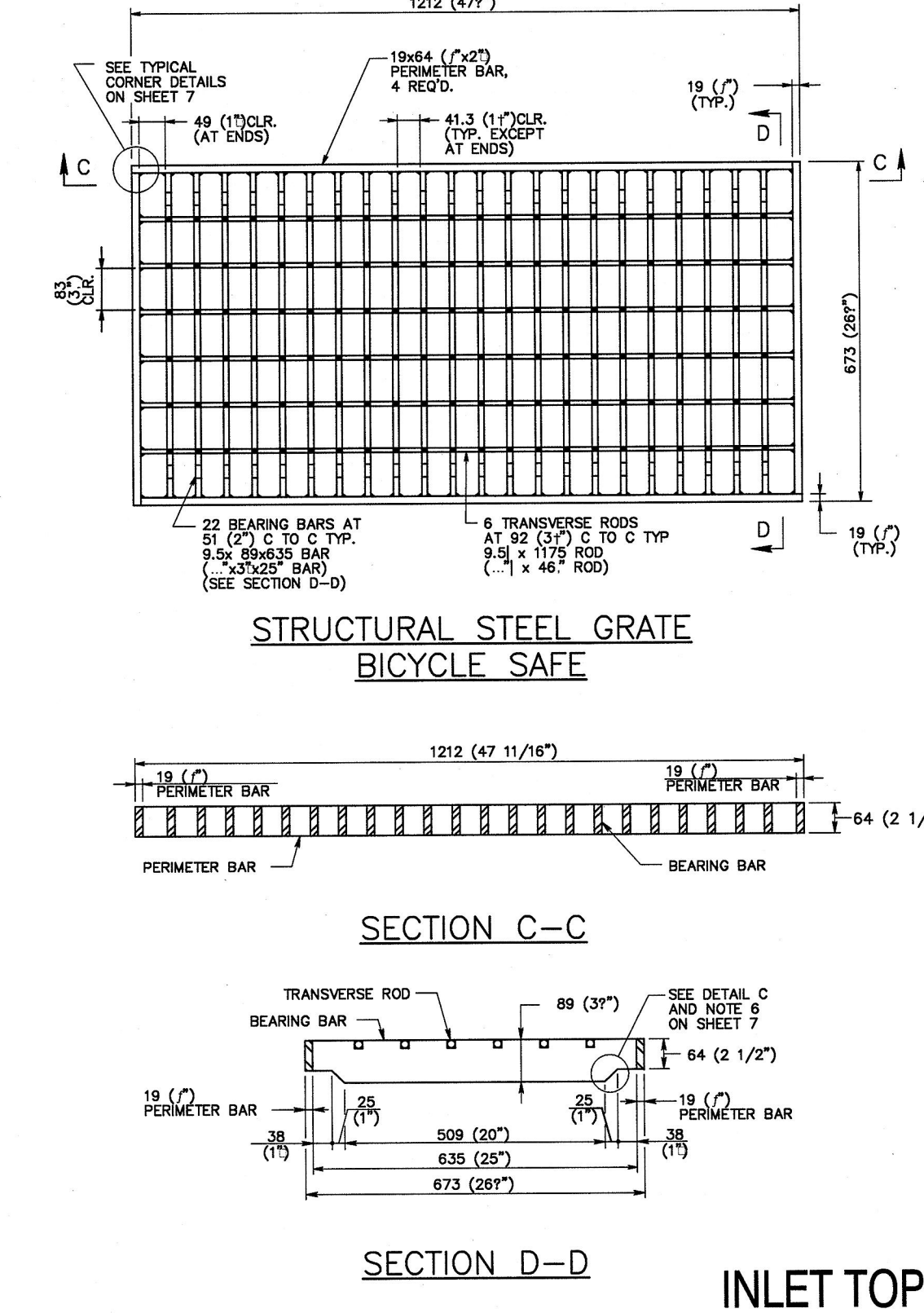
SECTION B-B

29 TYPE 'M' INLET
N.T.S.

ALTERNATE ONE BAR OPTIONS FOR #13 (#4) HORIZONTAL U-BARS



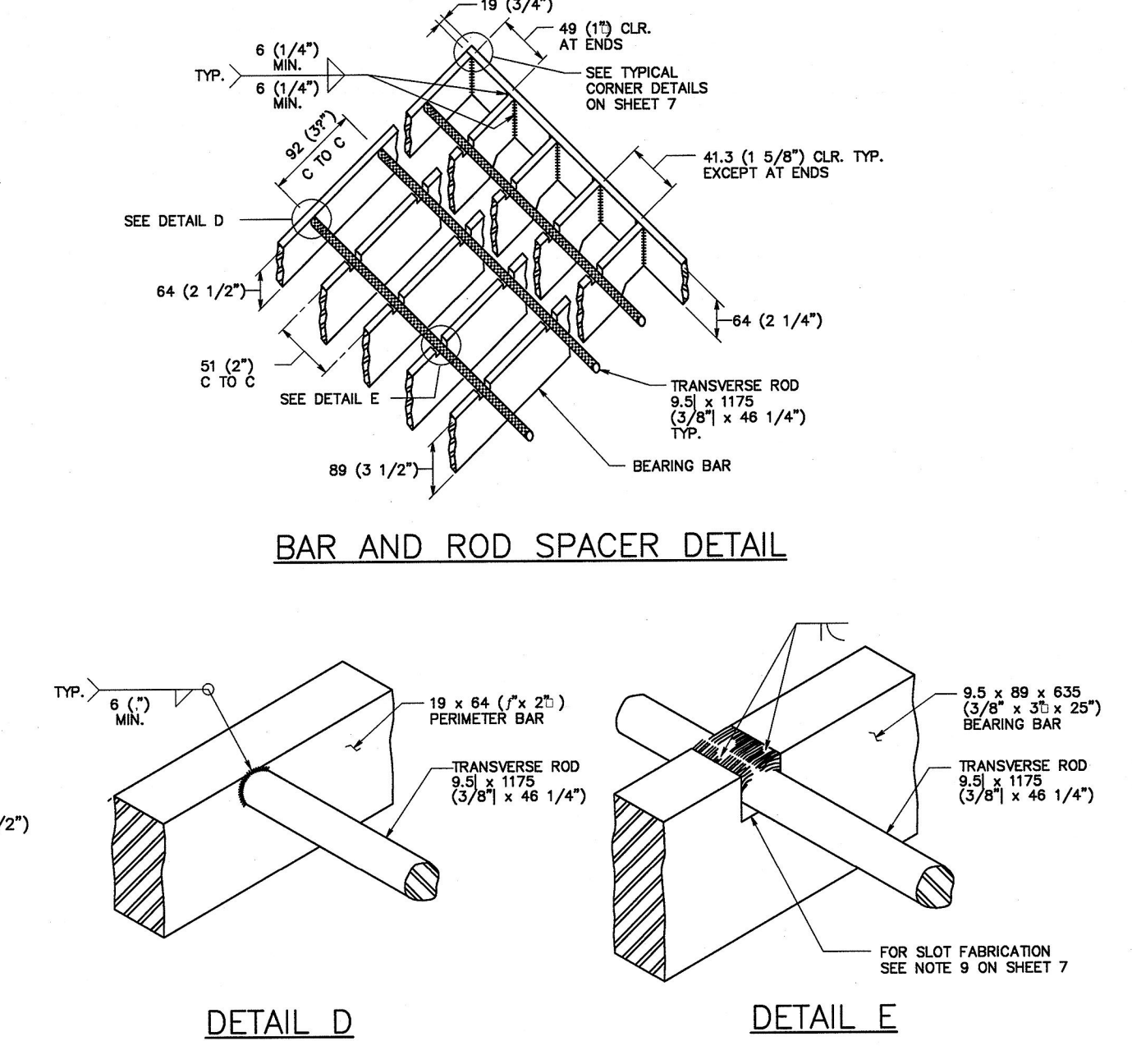
31 INLET LADDER RUNG DETAIL
N.T.S.



STRUCTURAL STEEL GRATE
BICYCLE SAFE

SECTION C-C

SECTION D-D











BAR AND ROD SPACER DETAIL

DETAIL D

DETAIL E

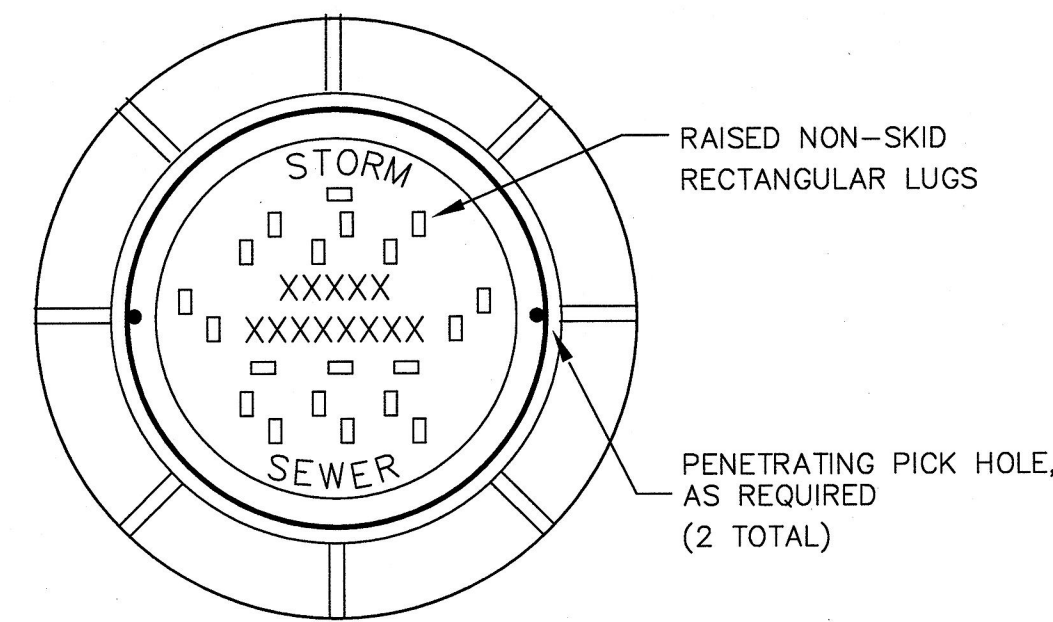
INLET TOPS, GRATES, AND FRAMES
STRUCTURAL STEEL GRATE

32 N.T.S.

		CONSULTANTS:						ARCHITECT:		Project Number 3468		Scale AS SHOWN		Drawing Title SITE DETAILS-4		Project Title Behavioral Health Complex		VA Project Number 595-109		<div>Office of Facilities Management</div> 			
		<u>Civil Engineer</u> 		<u>Structural Engineer</u> 		<u>MEP Engineer</u> 		<u>Environmental Consultant</u> 		<u>Cost Estimator</u> 		 ARRAY healthcare facilities solutions		2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406 t: 610.270.0599 f: 610.270.0995 www.arrayhs.com		Approved: Project Director		Location 1700 South Lincoln Ave. Lebanon, PA 17042				Drawing Number GS-703	
		600 Parsippany Road, Suite 301 Parsippany, NJ 07054-3715 Tel: (973) 738-9400 Fax: (973) 738-9710		180 W. Ridge Pike Jonestown, PA 15904 Tel: (214) 328-5559 Fax: (814) 328-5301		1407 South Avenue Lewistown, PA 15904 Tel: (214) 328-9300 Fax: (814) 328-9301		1547 North Park Road, P.O. Box 6307 Reading, PA 19610 Tel: (610) 621-2000		221 Chestnut Street, Suite 200 Philadelphia, PA 19106 Tel: (215) 923-8888								Date 07/27/2012				Checked MI	
Revisions		Date																					

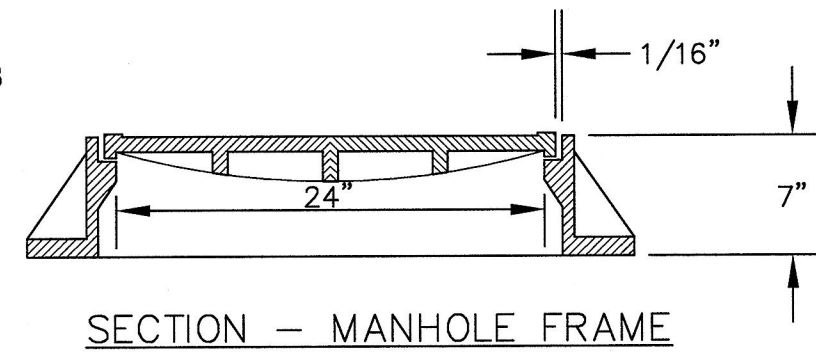
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100% CONSTRUCTION DOCUMENTS

three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one eighth inch = one foot
one eighth inch = one foot



PLAN - MANHOLE FRAME

- CONSTRUCTION NOTES:
1. MANHOLE FRAME AND COVER CASTINGS SHALL CONFORM TO THE LATEST ASTM A-48 CLASS 30 SPECIFICATION.
 2. FRAME AND COVERS SHALL BE COATED WITH TWO COATS OF ASPHALTUM VARNISH.



SECTION - MANHOLE FRAME

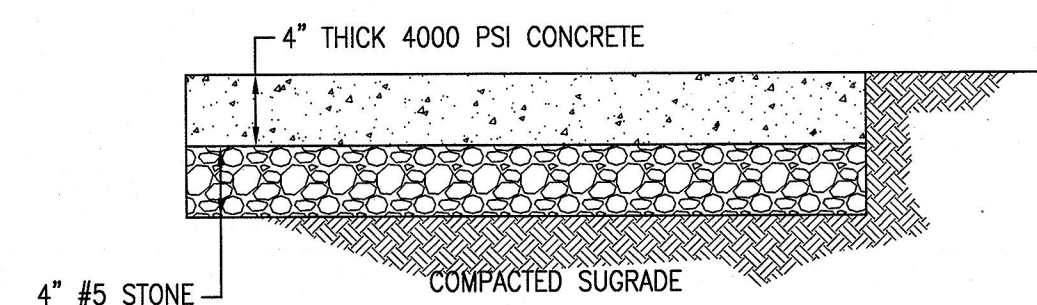
MANHOLE COVERS AND FRAMES SHALL BE:

STANDARD (Heavy Traffic Type)

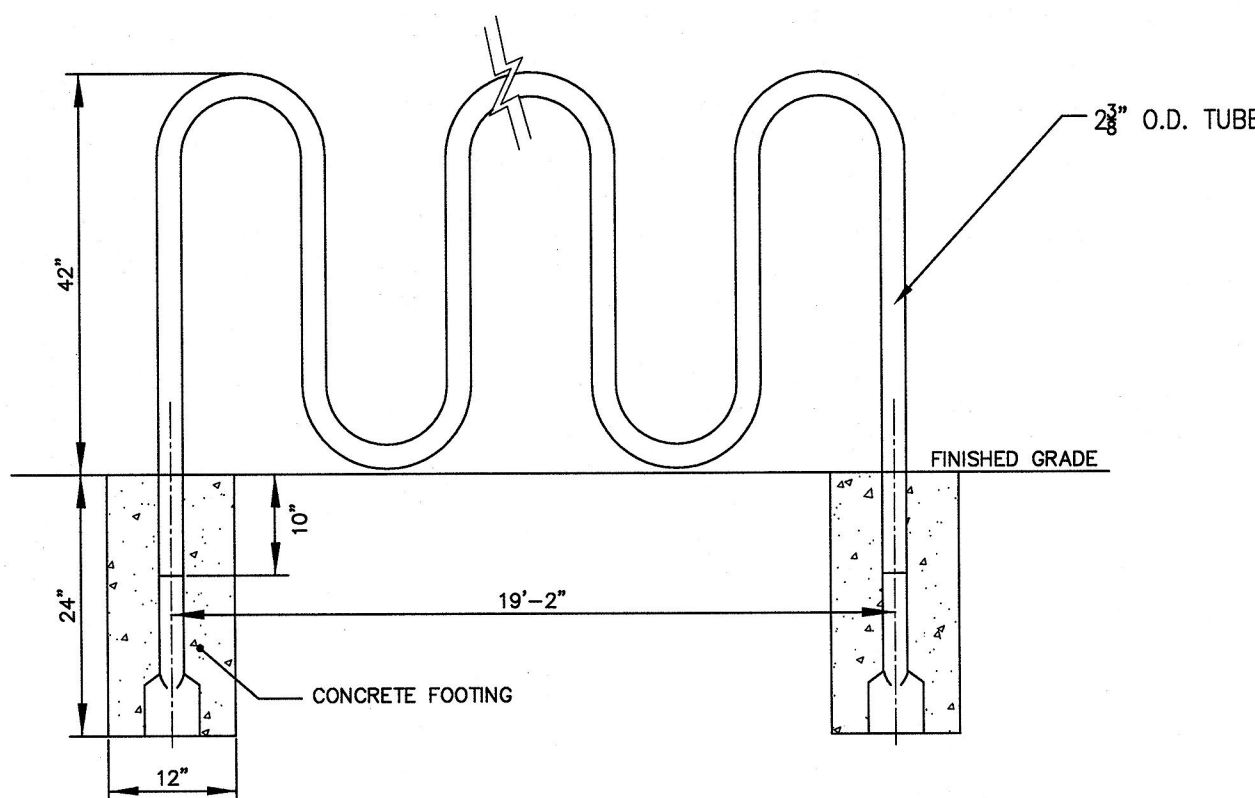
Campbell Foundry Company -----Pattern No.3256, or equal.
w/ Flow Seal Cover

NOTES:
MANHOLE FRAME AND LID CASTINGS SHALL COMPLY WITH PENN DOT PUBLICATION LATEST EDITION

33 STORM MANHOLE COVER
N.T.S.

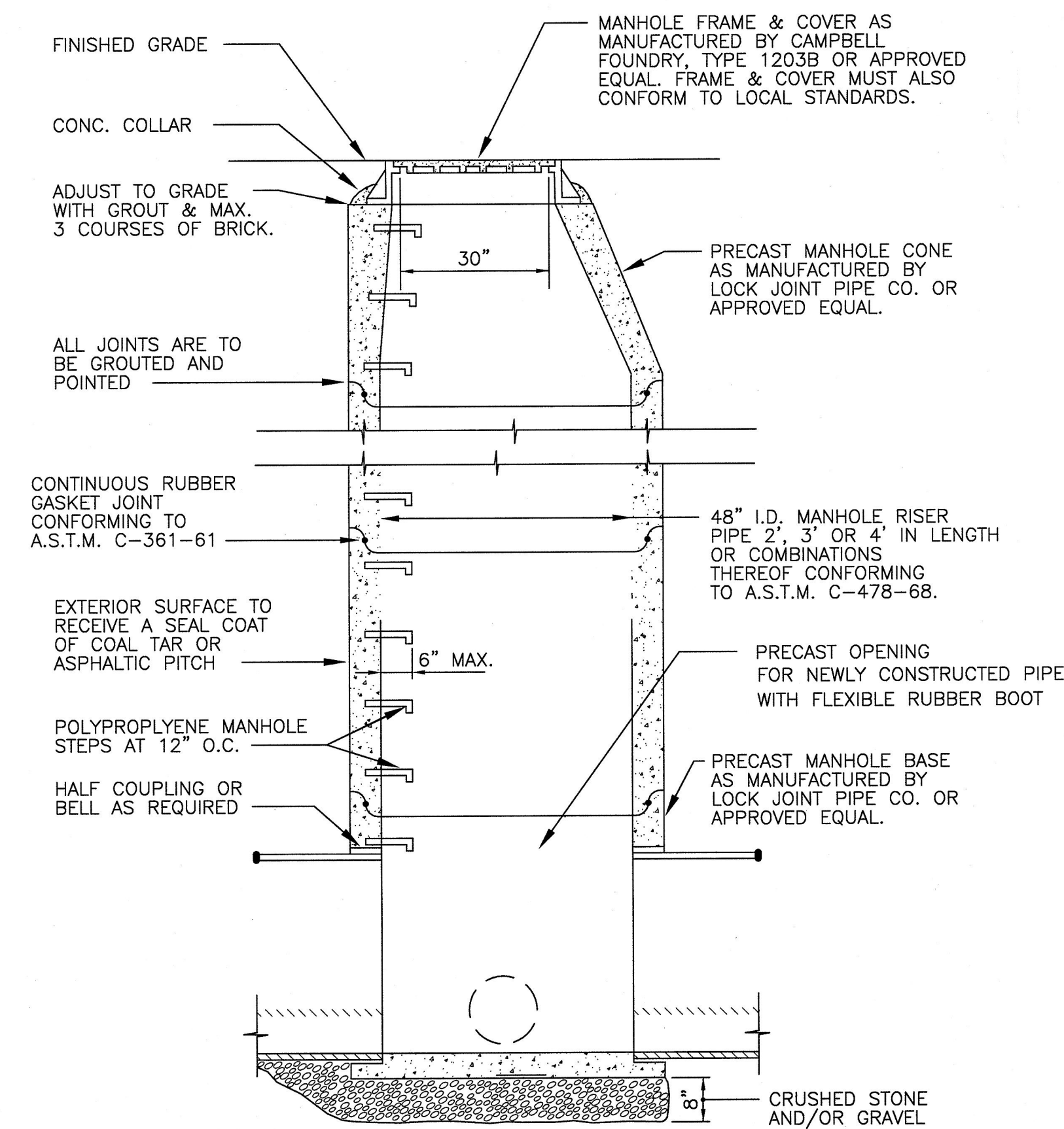


34 BIKE RACK CONCRETE PAD-SECTION
N.T.S.



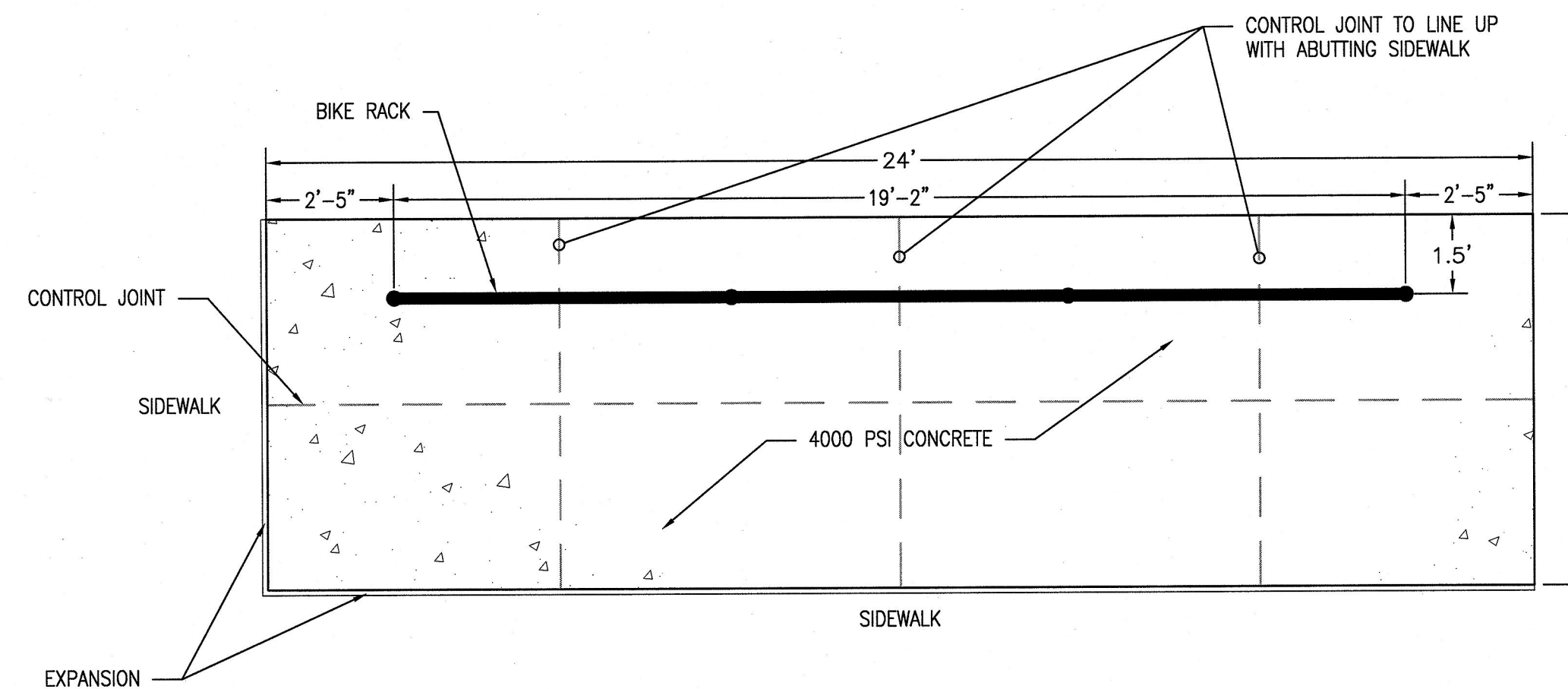
MODEL 21-BIKE WAVE HEAVY DUTY RACK, INGROUND MOUNT.
COLOR: POWDER COATED DARK GREY BY HIGHLAND PRODUCTS OR APPROVED EQUAL.

35 BIKE RACK DETAIL
N.T.S.



NOTES:
1. CONCRETE TO BE DESIGNED TO OBTAIN A STRENGTH OF 4000 P.S.I. IN 28 DAYS.
2. REINFORCING STEEL TO HAVE A YIELD STRENGTH OF 60,000 P.S.I.
3. WHEN THE DEPTH OF THE MANHOLE EXCEEDS 10' AS MEASURED FROM THE TOP OF THE COVER OR GRATE TO INVERT OF THE MANHOLE, THE WALLS OF THE MANHOLE BELOW 8' SHALL BE 12" THICK.

36 STORM MANHOLE
N.T.S.

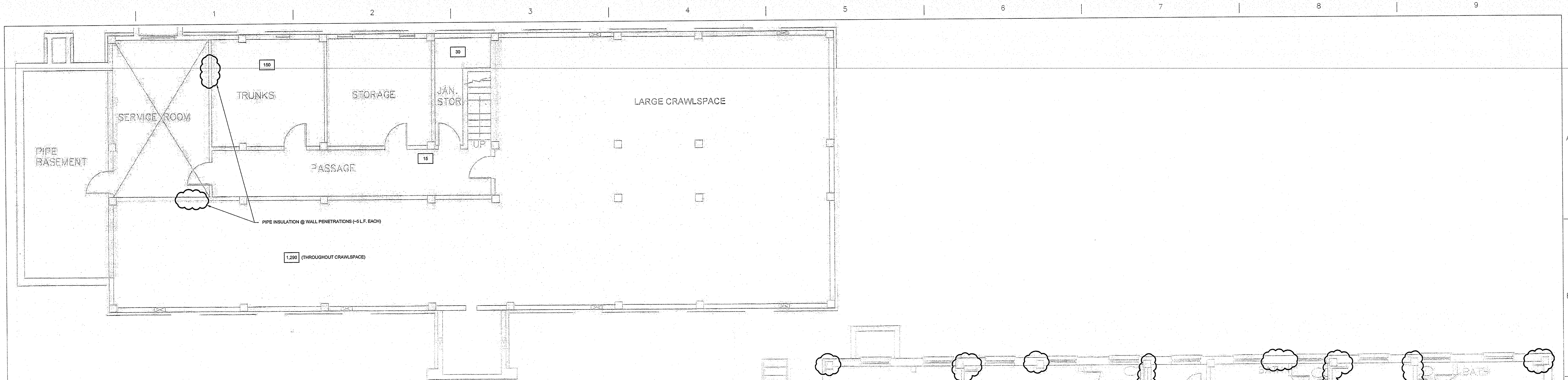


37 BIKE RACK CONCRETE PAD-PLAN VIEW
N.T.S.

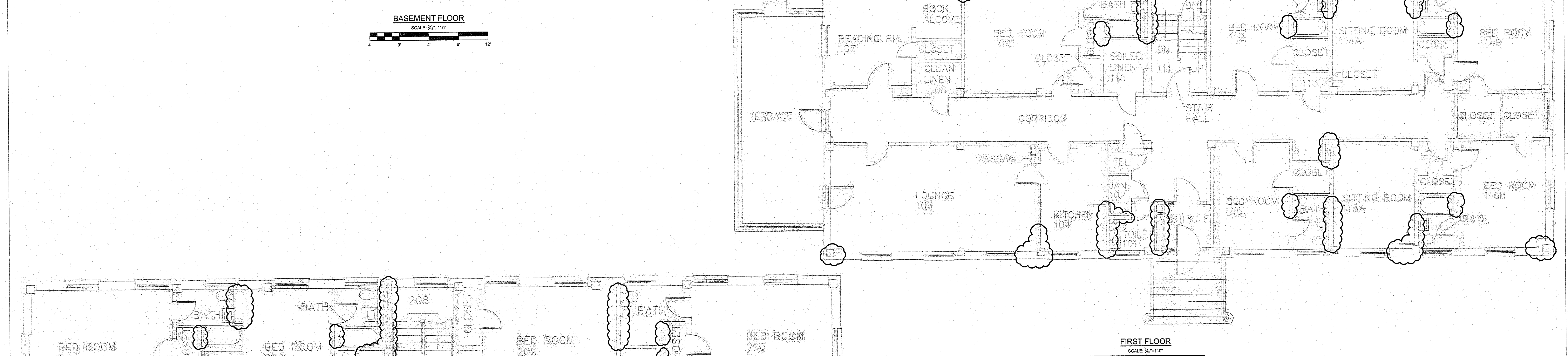
FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS

Revisions		Date	CONSULTANTS:						ARCHITECT:		Project Number 3468	Scale AS SHOWN	Drawing Title SITE DETAILS-5	Project Title Behavioral Health Complex	VA Project Number 595-109		Office of Facilities Management		
			Civil Engineer 600 Parsippany Road, Suite 301 Parsippany, NJ 07054-3715 Tel (973) 739-9400 Fax (973) 739-9710	Structural Engineer 190 W. Ridge Pike Limerick, PA 19468 Tel (214) 323-5559	MEP Engineer 1407 Scalp Avenue Johnstown, PA 15804 Tel (814) 269-9300 Fax (814) 269-9301	Environmental Consultant 1047 North Park Road, P.O. Box 6307 Reading, PA 19610 Tel (610) 621-2000	Cost Estimator 221 Chestnut Street, Suite 200 Philadelphia, PA 19106 Tel (215) 923-8888		2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406 t: 610.270.0599 f: 610.270.0995 www.arrayhfs.com	Building Number 34	Drawing Number GS-704								
											Approved: Project Director			Location 1700 South Lincoln Ave. Lebanon, PA 17042	Date 07/27/2012	Checked MI	Drawn SP	Dwg. 20 of 123	Department of Veterans Affairs

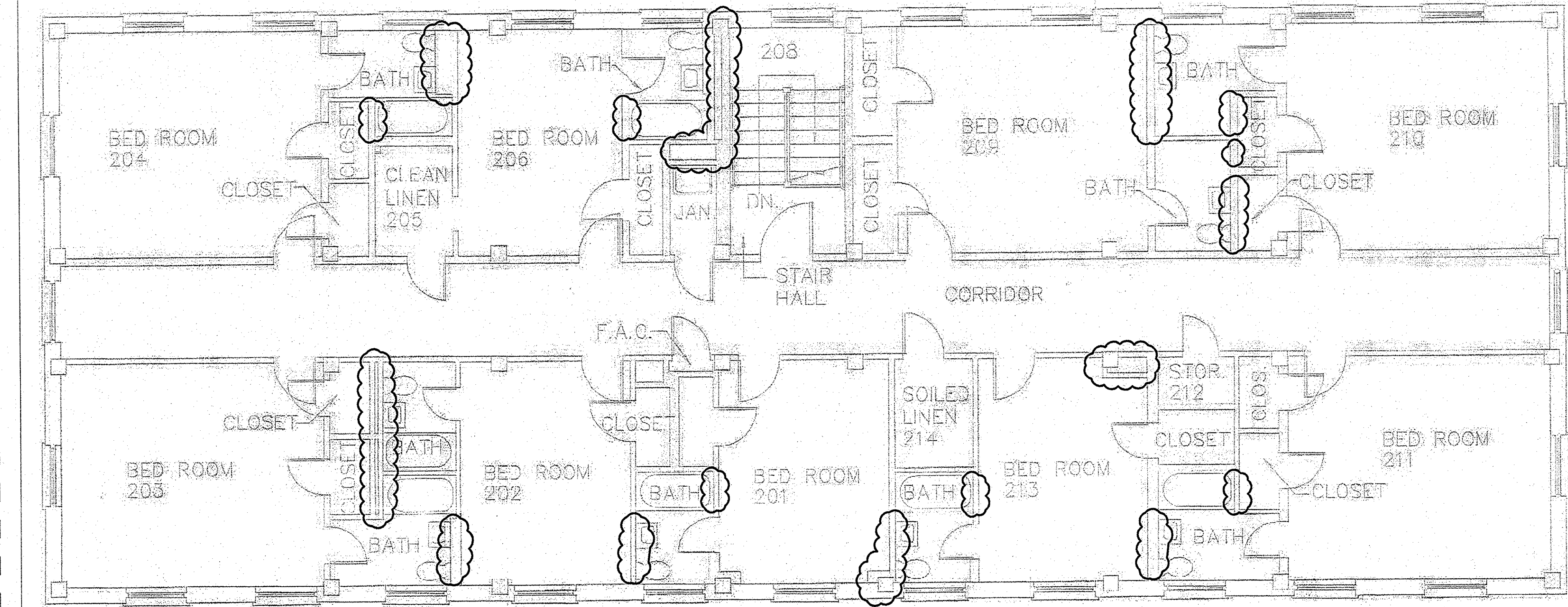
three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



BASEMENT FLOOR
SCALE: 3/4"=1'-0"



FIRST FLOOR
SCALE: 3/4"=1'-0"



SECOND FLOOR
SCALE: 3/4"=1'-0"

GENERAL NOTES

- SEE SPECIFICATION SECTION 03611, SCOPE OF WORK FOR A DESCRIPTION OF THE WORK TO BE PERFORMED. SEE GENERAL REQUIREMENTS FOR WORK PROCEDURE.
- ASBESTOS ABATEMENT CONTRACTOR AND EMPLOYEES MUST BE EPA/HERA CERTIFIED AND LICENSED IN THE SAME CAPACITY BY THE PENNSYLVANIA DEPARTMENT OF LABOR AND INDUSTRY. CONTRACTOR IS REQUIRED TO FURNISH PROOF OF SUCH LICENSING.
- ASBESTOS ABATEMENT CONTRACTOR WILL BE REQUIRED TO SUBMIT "PRIOR NOTIFICATION" TO THE APPROPRIATE REGULATORY AGENCIES. A COPY OF THE NOTIFICATION IS TO BE FORWARDED TO OWNER'S REPRESENTATIVE.
- ASBESTOS ABATEMENT CONTRACTOR WILL BE REQUIRED TO COORDINATE PHASING OF WORK AND LOCATIONS OF LAYDOWN AREA AND SITTING OF WASTE TRAILER WITH GENERAL CONTRACTOR.
- ASBESTOS ABATEMENT CONTRACTOR WILL BE REQUIRED TO SUBMIT A DETAILED PLAN OF ACTION THAT OUTLINES AND DESCRIBES THE SCHEDULE AND MANPOWER THAT WILL BE UTILIZED TO COMPLETE EACH PHASE WITHIN THE SPECIFIED SCHEDULES AND MEET THE PROJECT MILESTONES.

LEGEND

- LF ASBESTOS CONTAINING PIPE INSULATION (ACCESSIBLE)
- ASBESTOS CONTAINING PIPE INSULATION ASSUMED TO BE LOCATED IN WALLS / CHASES (CONTRACTOR TO PROVIDE MEANS AND METHODS NECESSARY TO ACCESS PIPE INSULATION INCLUDING DEMO, IF NECESSARY)

SCOPE OF WORK (Quantities of ACM)

- BASEMENT:** ASBESTOS CONTAINING PIPE INSULATION ESTIMATED AT 1,200 LINEAR FEET (LOCATED THROUGHOUT AS INDICATED)
- FIRST FLOOR:** ASBESTOS CONTAINING PIPE INSULATION ESTIMATED AT 1,100 LINEAR FEET (ASSUMED TO BE LOCATED IN WALLS / CHASES THROUGHOUT AS INDICATED)
- SECOND FLOOR:** ASBESTOS CONTAINING PIPE INSULATION ESTIMATED AT 200 LINEAR FEET (ASSUMED TO BE LOCATED IN WALLS / CHASES THROUGHOUT AS INDICATED)

FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS

CONSULTANTS:		ARCHITECT:		Project Number 3468		Scale AS NOTED		Drawing Title ASBESTOS ABATEMENT BUILDING NUMBER 26 ALTERNATE BID #1		Project Title Behavioral Health Complex		VA Project Number 595-109		Office of Facilities Management Department of Veterans Affairs	
Dewberry		WZG		ARRAY healthcare facilities solutions		2520 Renaissance Boulevard, Suite 110 King of Prussia, PA 19406 t: 610.270.0599 f: 610.270.0595 www.arrayhfs.com		Approved: Project Director		Location 1700 South Lincoln Ave. Lebanon, PA 17042		Building Number 26			
600 Parsippany Road, Suite 301 Parsippany, NJ 07054-5715 Tel (973) 575-9853 Fax (973) 739-9710		180 W. Ridge Pike Limerick, PA 19468 Tel (214) 329-5559		1407 Scaly Avenue Johnstown, PA 15094 Tel (814) 289-8300 Fax (814) 289-9301		1047 North Park Road, P.O. Box 6307 Reading, PA 19610 Tel (610) 621-2000		221 Chestnut Street, Suite 200 Philadelphia, PA 19106 Tel (215) 923-8888		Date 07/27/2012		Checked DCB			
Revisions		Date								Drawn TMF		Dwg. 21 of 123			